المراجعة رقم (1)

الترم الثانى



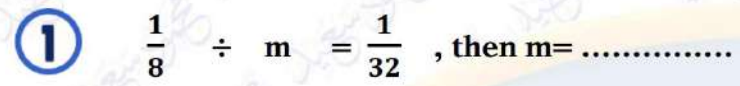






Second term Questions Bank





Question 01 choose the correct answer

1. $\frac{1}{8} \div m = \frac{1}{32}$, then m= ....
   - (a) 4
   - (b) $\frac{1}{4}$
   - (c) 32
   - (d) $\frac{8}{32}$

2. A ....is a circle divided into sectors .
   - (a) Height
   - (b) Pie graph
   - (c) sector
   - (d) Bar graph

3. the measure of an acute angle .... the measure of a right angle
   - (a) $<$
   - (b) $>$
   - (c) $=$
   - (d) otherwise

4. The opposite triangle is ....
   - (a) right
   - (b) Obtuse
   - (c) acute
   - (d) otherwise

5. $3\frac{2}{5} \times 5$ = ...
   - (a) $\frac{17}{5}$
   - (b) 5
   - (c) 17
   - (d) $3\frac{10}{5}$

6. It is impossible to draw a triangle with two .... Angles .
   - (a) Acute
   - (b) Obtuse
   - (c) right
   - (d) both b and c

7. The measure of an acute angle may be .... °
   - (a) 0°
   - (b) 40°
   - (c) 90°
   - (d) 170°

8. $\frac{4}{11}$ x .... $= \frac{4}{11} + \frac{4}{11} + \frac{4}{11} + \frac{2}{11}$
   - (a) $\frac{14}{11}$
   - (b) $3\frac{1}{2}$
   - (c) 4
   - (d) $\frac{6}{11}$

9. $\frac{8}{15} \times b = \frac{8}{15} + \frac{8}{15} + \frac{4}{15}$, then b = ...
   - (a) $\frac{20}{15}$
   - (b) $3\frac{1}{2}$
   - (c) 3
   - (d) 2.5

10. $\frac{3}{12} + \frac{3}{8} + \frac{2}{6}$ = ...
    - (a) $\frac{23}{24}$
    - (b) $\frac{1}{6}$
    - (c) $\frac{8}{12}$
    - (d) 1





11 Volume of  is …………… Cube units .

ⓐ 3 ⓑ 4 ⓒ 5 ⓓ 10



12 $\frac{4}{9}$ x 0.5 = ……………

ⓐ $\frac{8}{9}$ ⓑ $\frac{20}{9}$ ⓒ 20 ⓓ $\frac{2}{9}$

13 $\frac{8}{15}$ x 0.25 = ……………

ⓐ $\frac{1}{4}$ ⓑ $\frac{25}{15}$ ⓒ 24 ⓓ $\frac{2}{15}$

14 It is impossible to draw a triangle with one …………… Angles .

ⓐ Acute ⓑ Obtuse ⓒ right ⓓ both b and c

15 90 minutes = …………… hours

ⓐ $12\frac{1}{2}$ ⓑ $3\frac{1}{2}$ ⓒ 30 ⓓ $1\frac{1}{2}$

16 The solid which has 5 vertices and 8 edges is ……………

ⓐ Cone ⓑ Cube ⓒ cuboid ⓓ Pyramid

17 The measure of an acute angle ………. The measure of an obtuse angle

ⓐ $<$ ⓑ $>$ ⓒ $=$ ⓓ otherwise

18 $8 \div e = 40$, then e = ………….

ⓐ 40 ⓑ $\frac{9}{40}$ ⓒ 5 ⓓ $\frac{1}{5}$

19 $\frac{7}{9} - \frac{3}{9}$ = ……………….

ⓐ $\frac{4}{9}$ ⓑ $\frac{5}{0}$ ⓒ 1 ⓓ $\frac{10}{9}$

20 $m(\angle A) = 40°$, $m(\angle B) = 70°$, $m(\angle C) = 70°$, then it is a …………….triangle .

ⓐ right ⓑ Obtuse ⓒ acute ⓓ otherwise

21 $3\frac{2}{6}$ x $\frac{....}{6}$ = $3\frac{2}{6}$

ⓐ $\frac{6}{6}$ ⓑ $3\frac{2}{6}$ ⓒ 6 ⓓ $\frac{1}{3}$

22 $\frac{6}{6}$ x 2 = ………………..

ⓐ $\frac{6}{6}$ ⓑ $2\frac{1}{6}$ ⓒ 2 ⓓ $\frac{5}{2}$

23 $\frac{1}{5} \div 7$ = ……………

ⓐ 1 ⓑ $\frac{1}{35}$ ⓒ 35 ⓓ $\frac{5}{7}$

24 the opposite triangle is ………………

ⓐ scalene ⓑ Equilateral ⓒ isosceles ⓓ Otherwise



25 Data can be represented by ....

(a) Line plot (b) Pie graph (c) pictograph (d) All of them

26 .... Triangle has 2 acute angles and 1 right angle .

(a) right (b) Obtuse (c) right (d) otherwise

27 the measure of an obtuse angle is .... 90°

(a) < (b) > (c) = (d) otherwise

28 the number of horizontal layer is ....

(a) 3 (b) 4 (c) 5 (d) 10

29 cube has .... Faces .

(a) 12 (b) 6 (c) 0 (d) 8

30 18 months = ... Year

(a) $\frac{18}{12}$ (b) $3\frac{1}{6}$ (c) 3 (d) All of them

31 the simplest form of $4\frac{2}{10}$ is ....

(a) $4\frac{3}{4}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) $2\frac{3}{4}$

32 $\frac{25}{8}$ is equivalent to ....

(a) $2\frac{1}{8}$ (b) $3\frac{1}{25}$ (c) $3\frac{1}{8}$ (d) $\frac{8}{25}$

33 $3\frac{5}{6}$ is equivalent to ....

(a) $2\frac{5}{6}$ (b) $4\frac{1}{25}$ (c) $3\frac{1}{6}$ (d) $\frac{23}{6}$

34 $3\frac{2}{6}$ is equivalent to ....

(a) $2\frac{8}{6}$ (b) $3\frac{1}{6}$ (c) $2\frac{2}{6}$ (d) $\frac{23}{6}$

35 $8\frac{8}{8}$ is equivalent to ....

(a) $9\frac{5}{6}$ (b) $8\frac{1}{8}$ (c) 81 (d) 9

36 $4\frac{2}{10}$ is equivalent to ....

(a) $4\frac{20}{100}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) All of them

37 m (< A) = 90° , m (< B) = 60° , m (< C) = 30° , then it is a ....triangle .

(a) right (b) Obtuse (c) acute (d) otherwise

38 $8\frac{1}{6} + 3\frac{1}{5} = 9 + 3\frac{1}{5}$ - ....

ⓐ $12\frac{1}{5}$ ⓑ $4\frac{1}{5}$ ⓒ $\frac{5}{6}$ ⓓ $\frac{1}{6}$

39 the volume of this solid is .... Cube units .

ⓐ 12 ⓑ 3 ⓒ 2 ⓓ 9

40 .... Triangle has 2 acute angles and 1 obtuse angle .

ⓐ right ⓑ Obtuse ⓒ right ⓓ otherwise

41 the measure of a right angle is .... °

ⓐ 0° ⓑ 40° ⓒ 90° ⓓ 180°

42 $\frac{4}{6} \times \frac{4}{9} \times \frac{3}{16}$ = ...

ⓐ $\frac{124}{186}$ ⓑ $2\frac{2}{16}$ ⓒ 3 ⓓ $\frac{1}{18}$

43 $\frac{1}{2} \times \frac{2}{3} \times \frac{3}{4} \times$ .... $= \frac{1}{4}$

ⓐ 4 ⓑ 2 ⓒ 3 ⓓ 1

44 $4\frac{4}{8} \times \frac{\cdots}{8} = 4\frac{1}{2}$

ⓐ 4 ⓑ 1 ⓒ 8 ⓓ 2

45 $\frac{8}{7} \times 3 = 4 \times \frac{\cdots}{7}$

ⓐ 8 ⓑ 4 ⓒ 3 ⓓ 6

46 $\frac{16}{9} \times \frac{3}{4}$ .... $\frac{2}{6} \times \frac{3}{8}$

ⓐ < ⓑ > ⓒ = ⓓ otherwise

47 m (< G) = 110°, m (< D) = 35°, m (< F) = 35°, then it is an ....triangle

ⓐ right ⓑ Obtuse ⓒ acute ⓓ otherwise

48 1 - .... = 1

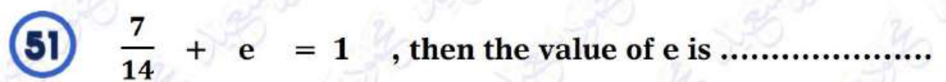
ⓐ $\frac{1}{2}$ ⓑ $\frac{10}{10}$ ⓒ $\frac{0}{3}$ ⓓ 1

49 Length x width x height = ...

ⓐ Area ⓑ Perimeter ⓒ volume ⓓ Base area

50 $m - \frac{5}{7} = \frac{1}{4}$, then the value of m is ....

ⓐ $\frac{27}{28}$ ⓑ $\frac{13}{28}$ ⓒ $\frac{1}{4}$ ⓓ $\frac{5}{7}$



51 $\frac{7}{14} + e = 1$, then the value of e is ....

ⓐ $\frac{8}{14}$ ⓑ $\frac{1}{2}$ ⓒ $\frac{5}{14}$ ⓓ $\frac{5}{7}$

52 $\frac{11}{16} - a = \frac{1}{4}$, then the value of a is ....

ⓐ $\frac{8}{16}$ ⓑ $\frac{7}{16}$ ⓒ $\frac{10}{12}$ ⓓ $\frac{6}{6}$

53 $\frac{12}{20}$ is equivalent to ....

ⓐ $\frac{8}{10}$ ⓑ $\frac{3}{5}$ ⓒ $\frac{10}{12}$ ⓓ $\frac{6}{5}$

54 $4\frac{1}{12}$ years = ... years + ... months

ⓐ 4 , 2 ⓑ 4 , $\frac{1}{12}$ ⓒ 4 , 1 ⓓ 4 , 12

55 .... Triangle has 3 acute angles and 0 obtuse angle .

ⓐ right ⓑ Obtuse ⓒ acute ⓓ otherwise

56 the measure of an obtuse angle may be .... °

ⓐ 0° ⓑ 40° ⓒ 90° ⓓ 110°

57 $\frac{3}{4} - \frac{3}{8}$ .... $\frac{7}{25} \times \frac{5}{21}$

ⓐ < ⓑ > ⓒ = ⓓ otherwise

58 $2\frac{2}{6} \times \frac{3}{7}$ = ...

ⓐ $\frac{14}{21}$ ⓑ $3\frac{1}{2}$ ⓒ 1 ⓓ $\frac{14}{6}$

59 AB = BC = 6.32 cm , AC is less than them , then it is an ....triangle .

ⓐ scalene ⓑ Equilateral ⓒ isosceles ⓓ otherwise

60 the volume of this solid is .... Cubes.



ⓐ 3 ⓑ 4 ⓒ 5 ⓓ 10

61 the sum of the measures of angles around at a point is equal ....°

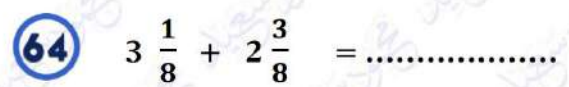
ⓐ 270 ⓑ 90 ⓒ 360 ⓓ 180

62 $5\frac{2}{8} + 3\frac{6}{8}$ = ...

ⓐ 9 ⓑ $8\frac{1}{6}$ ⓒ $8\frac{4}{6}$ ⓓ $\frac{4}{6}$

63 $6\frac{1}{5} - 2\frac{3}{5}$ = ...

ⓐ $4\frac{4}{5}$ ⓑ $4\frac{2}{5}$ ⓒ $3\frac{3}{5}$ ⓓ $\frac{31}{5}$



64 $3\frac{1}{8} + 2\frac{3}{8}$ = ...

ⓐ $5\frac{4}{5}$ ⓑ $5\frac{1}{2}$ ⓒ $1\frac{4}{8}$ ⓓ $1\frac{2}{8}$

65 $9\frac{3}{9} - 3\frac{1}{3}$ = ...

ⓐ $6\frac{2}{3}$ ⓑ $6\frac{7}{9}$ ⓒ $6\frac{1}{9}$ ⓓ 6

66 $3\frac{2}{3} \times \frac{1}{5} = \frac{1}{5} \times 3 + \frac{1}{5}$ x ....

ⓐ $\frac{2}{3}$ ⓑ $3\frac{2}{3}$ ⓒ 3 ⓓ $\frac{8}{3}$

67 45 minutes = ... Hours

ⓐ $\frac{1}{2}$ ⓑ $\frac{1}{4}$ ⓒ 1 ⓓ $\frac{3}{4}$

68 base area x height = ...

ⓐ Area ⓑ Perimeter ⓒ volume ⓓ Base area

69 .... Triangle has 3 different sides .

ⓐ scalene ⓑ Equilateral ⓒ isosceles ⓓ otherwise

70 A ....is bounded by an arc and two radii .

ⓐ Height ⓑ Pie graph ⓒ sector ⓓ Bar graph

71 the colored part represent .... Of the circle .




ⓐ $\frac{1}{4}$ ⓑ 0.5 ⓒ $\frac{3}{4}$ ⓓ 0.25

72 75 minutes = ... Hours

ⓐ $\frac{1}{2}$ ⓑ $1\frac{1}{4}$ ⓒ 1 ⓓ $\frac{3}{4}$

73 Which is equal to $6 \times \frac{3}{9}$?

ⓐ 2 ⓑ $3 \times \frac{6}{9}$ ⓒ $18 \times \frac{1}{9}$ ⓓ all of them

74 $5 + \frac{3}{5} + \frac{2}{5}$ = ...

ⓐ $5\frac{2}{5}$ ⓑ 6 ⓒ $\frac{18}{4}$ ⓓ 4

75 $\frac{2}{3} + \frac{7}{12} = 1 +$ ....

ⓐ $\frac{2}{5}$ ⓑ $\frac{1}{4}$ ⓒ $\frac{1}{3}$ ⓓ $\frac{1}{5}$

76 $\frac{1}{4} + \frac{3}{12} = 1 - $ ....

(a) $\frac{1}{2}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{1}{5}$

77 $3\frac{3}{4}$ = ... ÷ 4

(a) 12 (b) 4 (c) 3 (d) 15

78 .... = 13 ÷ 5

(a) 2 (b) 5 (c) $2\frac{3}{5}$ (d) 18

79 $\frac{1}{2}$ year = ... Months

(a) 5 (b) 6 (c) 2 (d) 1

80 $\frac{1}{4} + \frac{3}{16}$ = ...

(a) $\frac{7}{16}$ (b) 0 (c) 16 (d) $\frac{4}{20}$

81 $8\frac{1}{6} + 3.5$ = ...

(a) $11\frac{2}{3}$ (b) $11\frac{1}{6}$ (c) $4\frac{2}{3}$ (d) 5

82 volume ÷ height = ...

(a) Height (b) Width (c) volume (d) Base area

83 .... Triangle has 2 same sides and 1 different .

(a) scalene (b) Equilateral (c) isosceles (d) otherwise

84 $4\frac{3}{7}$ + ... = $5\frac{1}{3}$

(a) $9\frac{4}{21}$ (b) $1\frac{16}{21}$ (c) 1 (d) $\frac{19}{21}$

85 $m - 7\frac{2}{12} = 3\frac{1}{4}$, then the value of m is ....

(a) $10\frac{5}{12}$ (b) $3\frac{11}{12}$ (c) 4 (d) $4\frac{1}{8}$

86 $a + 6\frac{4}{12} = 9\frac{3}{4}$, then the value of a is ....

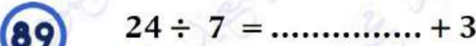
(a) $3\frac{5}{12}$ (b) $15\frac{7}{12}$ (c) 2.5 (d) $16\frac{1}{12}$

87 $\frac{100}{100} \times 5\frac{5}{12}$ = ...

(a) $\frac{600}{12}$ (b) $5\frac{5}{12}$ (c) 600 (d) $\frac{6}{12}$

88 volume ÷ (length x width) = ...

(a) Height (b) Width (c) volume (d) Base area



89 $24 \div 7 = \ldots\ldots\ldots\ldots + 3$

ⓐ $\frac{3}{3}$ ⓑ $\frac{1}{8}$ ⓒ 3 ⓓ $\frac{3}{7}$

90 $25 \div \ldots\ldots\ldots = 6\frac{1}{4}$

ⓐ 6 ⓑ $\frac{1}{4}$ ⓒ 4 ⓓ $\frac{6}{25}$

91 The smallest like denominator of $\frac{5}{6}$ and $\frac{1}{3}$ is ....

ⓐ 18 ⓑ 6 ⓒ 3 ⓓ 2

92 The simplest form of form of $\frac{6}{12}$ is ....

ⓐ $\frac{1}{2}$ ⓑ $\frac{2}{3}$ ⓒ $\frac{5}{6}$ ⓓ $\frac{12}{6}$

93 $3\frac{2}{5} \times 5 = 5 \times \ldots\ldots\ldots\ldots$

ⓐ $\frac{5}{2}$ ⓑ $\frac{2}{5}$ ⓒ $\frac{17}{5}$ ⓓ $\frac{15}{5}$

94 $\frac{2}{6} \times 3 = \ldots\ldots\ldots\ldots$

ⓐ $\frac{5}{6}$ ⓑ 1 ⓒ 36 ⓓ $\frac{12}{3}$

95 volume ÷ (length x height) = ...

ⓐ Height ⓑ Width ⓒ volume ⓓ Base area

96 the measure of this central angle is ....°



ⓐ 360 ⓑ 270 ⓒ 90 ⓓ 180

97 $\frac{2}{5} \times 3 = 6 \times \ldots\ldots\ldots\ldots$

ⓐ $\frac{2}{5}$ ⓑ $\frac{1}{5}$ ⓒ 5 ⓓ $\frac{6}{5}$

98 $\frac{1}{6}$ year = ... Months

ⓐ 5 ⓑ 6 ⓒ 2 ⓓ 1

99 the angle whose vertex is the center of the circle is called ....angle .

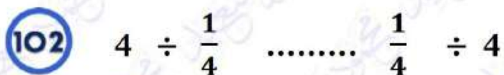
ⓐ Centeral ⓑ Circular ⓒ right ⓓ Straight

100 $\frac{2}{8} + \frac{6}{8} = \ldots\ldots\ldots\ldots$

ⓐ $\frac{4}{6}$ ⓑ $\frac{2}{3}$ ⓒ 1 ⓓ $\frac{6}{8}$

101 If the volume of a cuboid = 30 cm^3 and base area = 15 cm^2 , then it's height is .... Cm

ⓐ 5 ⓑ 2 ⓒ 15 ⓓ 150



102 $4 \div \frac{1}{4}$ .... $\frac{1}{4} \div 4$

ⓐ < ⓑ > ⓒ = ⓓ otherwise

103 $\frac{1}{...?....} = \frac{8}{24}$

ⓐ 0 ⓑ 2 ⓒ 3 ⓓ 1

104 $1\frac{1}{8}$ day = ... hours

ⓐ 24 ⓑ 8 ⓒ 27 ⓓ 2

105 .... $\div \frac{1}{6} = 24$

ⓐ 4 ⓑ $\frac{1}{4}$ ⓒ 36 ⓓ $\frac{6}{24}$

106 The LCM of denominators of $\frac{4}{7}$ and $\frac{2}{5}$ is ....

ⓐ 7 ⓑ 35 ⓒ 5 ⓓ $\frac{6}{35}$

107 $\frac{1}{4} \div \frac{1}{2}$ = ...

ⓐ 4 ⓑ $\frac{1}{4}$ ⓒ 8 ⓓ $\frac{1}{2}$

108 $10 \div \frac{1}{5}$ = ...

ⓐ 2 ⓑ $\frac{1}{5}$ ⓒ 50 ⓓ $\frac{5}{10}$

109 $1 - \frac{3}{5} - \frac{2}{5}$ = ...

ⓐ 0 ⓑ 2 ⓒ $\frac{5}{5}$ ⓓ 1

110 $\frac{2}{5} = \frac{.....}{15}$

ⓐ 0 ⓑ 2 ⓒ 3 ⓓ 6

111 $\frac{1}{...?...} = \frac{12}{24}$

ⓐ 0 ⓑ 2 ⓒ 3 ⓓ 1

112 $8 \div \frac{1}{4}$ .... $4 \div \frac{1}{8}$

ⓐ < ⓑ > ⓒ = ⓓ otherwise

113 $\frac{1}{5} + \frac{2}{3}$ = ...

ⓐ $\frac{13}{15}$ ⓑ $\frac{3}{8}$ ⓒ 0 ⓓ $\frac{1}{2}$

114 ....+ $\frac{5}{8}$ = 1

ⓐ $\frac{4}{8}$ ⓑ $\frac{3}{8}$ ⓒ 0 ⓓ $\frac{1}{2}$

115 .... + $\frac{5}{10}$ = 1

ⓐ $\frac{1}{2}$ ⓑ $\frac{5}{10}$ ⓒ $\frac{4}{8}$ ⓓ all of them

116 1 - .... = 0

ⓐ $\frac{1}{2}$ ⓑ $\frac{10}{10}$ ⓒ $\frac{2}{3}$ ⓓ 0

117 $3\frac{1}{2}$ hours = ... hours + ... minutes

ⓐ 3 , 30 ⓑ 3 , $\frac{1}{2}$ ⓒ 3 ⓓ 4 , 2

118 $\frac{3}{2} \times \frac{12}{24} =$ ....

ⓐ $\frac{4}{3}$ ⓑ $\frac{3}{4}$ ⓒ $\frac{1}{4}$ ⓓ $\frac{1}{3}$

119 The figure name is ......

ⓐ Cylinder ⓑ Kite ⓒ Cube ⓓ Cone

120 $\frac{2}{11}$ x .... = $\frac{3}{11}$

ⓐ $\frac{1}{11}$ ⓑ 1 ⓒ $\frac{3}{2}$ ⓓ $\frac{11}{3}$

121 $\frac{3}{5}$ x 1.5 x 30 =...........

ⓐ 27 ⓑ 6 ⓒ 15 ⓓ $\frac{1}{2}$

122 $3\frac{2}{3} \times \frac{1}{5} = (... \times 3) + (\frac{1}{5} \times \frac{2}{3})$

ⓐ $\frac{2}{3}$ ⓑ $\frac{1}{5}$ ⓒ 3 ⓓ 5

123 15 minutes = ... hours

ⓐ $\frac{1}{2}$ ⓑ $\frac{3}{4}$ ⓒ $\frac{1}{4}$ ⓓ $\frac{2}{4}$

124 .... minutes = $\frac{1}{2}$ hours .

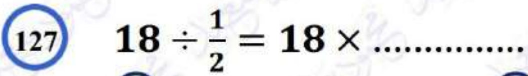
ⓐ 10 ⓑ 30 ⓒ 60 ⓓ 45

125 $2 \div 4 =$ ....

ⓐ $\frac{4}{2}$ ⓑ $\frac{2}{4}$ ⓒ $\frac{1}{4}$ ⓓ 2

126 $40 \div ... = 4\frac{4}{9}$

ⓐ 8 ⓑ 16 ⓒ 9 ⓓ 6



127 $18 \div \frac{1}{2} = 18 \times$ ....

ⓐ 8 ⓑ 4 ⓒ $\frac{1}{2}$ ⓓ 2

128 $\frac{4}{11} \times ... = \frac{4}{11} + \frac{4}{11} + \frac{4}{11}$

ⓐ 4 ⓑ 11 ⓒ 3 ⓓ 2

129 $d \div \frac{1}{5} = \frac{1}{2}$, Then d = ...

ⓐ $\frac{2}{5}$ ⓑ $\frac{5}{2}$ ⓒ $\frac{1}{2}$ ⓓ $\frac{1}{10}$

130 Any triangle has at least .... acute angle

ⓐ 2 ⓑ 3 ⓒ 1 ⓓ 0

131 Volume of [4 cubes] is .... cube units

ⓐ 5 ⓑ 4 ⓒ 1 ⓓ 9

132 The measure of anght is .... 90°

ⓐ > ⓑ < ⓒ = ⓓ ≥

133 The sphere has .... vertex

ⓐ 0 ⓑ 1 ⓒ 12 ⓓ 8

134 $\frac{5}{8}$ x 0.4 = ...

ⓐ $\frac{4}{10}$ ⓑ $\frac{1}{4}$ ⓒ 8 ⓓ 4

135 $\frac{2}{3}$ year = ... Months

ⓐ 8 ⓑ 6 ⓒ 12 ⓓ 4

136 the colored pant represent ....

ⓐ $\frac{1}{4}$ ⓑ $\frac{3}{4}$ ⓒ $\frac{1}{3}$ ⓓ 1

137 The sum of all fractions in one cireles ....

ⓐ 1 ⓑ $\frac{1}{2}$ ⓒ $\frac{1}{4}$ ⓓ 360°

138 The lcm of denominators of $\frac{4}{5}$, $\frac{2}{25}$

ⓐ 5 ⓑ 2 ⓒ 10 ⓓ 25

139 $\frac{1}{4} + \frac{3}{4} = 1 -$ ....

ⓐ 0 ⓑ $\frac{1}{4}$ ⓒ $\frac{3}{4}$ ⓓ $\frac{4}{4}$

140 120 seconds = ... Minutes

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 4

(141) $\frac{3}{2} \times 2 = ...$

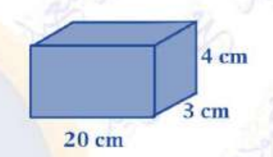
ⓐ 4 ⓑ $\frac{1}{2}$ ⓒ $\frac{2}{3}$ ⓓ 3

(142) $\frac{8}{9} \times 0.125 = ...$

ⓐ $\frac{3}{8}$ ⓑ $\frac{1}{9}$ ⓒ 9 ⓓ 8

Question 03 — Answer the following questions

1. find the volume of this solid .



....

2. Mohamed bought a book by $\frac{1}{3}$ of his money and a candy by $\frac{2}{7}$ of his money and saved the left money . What fraction of money does Mohamed save ?

....

3. Yara's garden consists of $\frac{3}{8}$ poppies , $\frac{1}{4}$ roses and flowers in the rest of the garden what fraction of the flowers in the garden ?

....

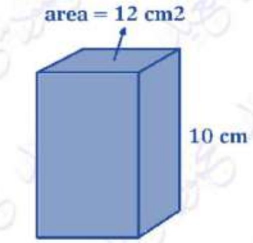
4. Besan collected $6\frac{2}{7}$ of honey . She gave his sister Sandy $3\frac{3}{4}$ kg of them . How many kilograms are left ?

....

5. Yousef spent $\frac{5}{6}$ of his money for buying candy and $\frac{3}{4}$ for buying clothes . Write their fractions with like denominators .

....

6. find the volume of this solid .

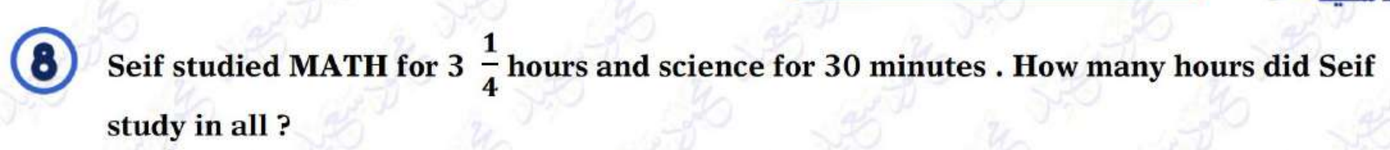




....

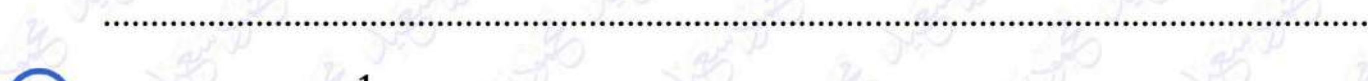
7. Lena ate $1\frac{3}{4}$ kg of fruits , Yasin ate $\frac{1}{5}$ kg more than Lena and Jana ate $\frac{3}{10}$ kg less than Yasin . How many kilograms did Jana eat ?

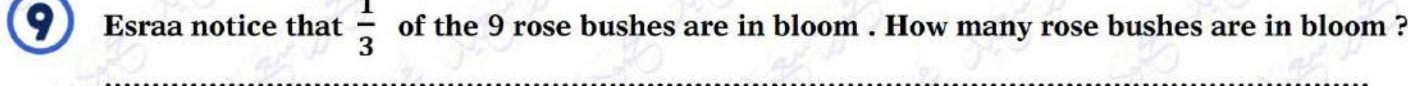
....



8. Seif studied MATH for $3\frac{1}{4}$ hours and science for 30 minutes . How many hours did Seif study in all ?

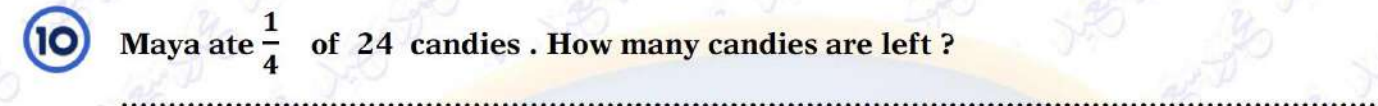
....





9. Esraa notice that $\frac{1}{3}$ of the 9 rose bushes are in bloom . How many rose bushes are in bloom ?

....



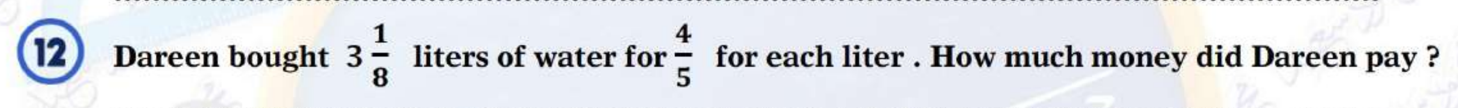
10. Maya ate $\frac{1}{4}$ of 24 candies . How many candies are left ?

....



11. write three different multiplication expressions that have the same product as $5 \times \frac{4}{8}$

....



12. Dareen bought $3\frac{1}{8}$ liters of water for $\frac{4}{5}$ for each liter . How much money did Dareen pay ?

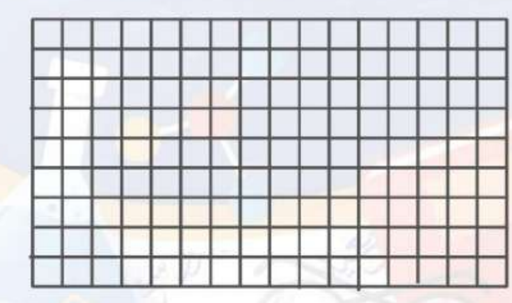
....

13. Mohamed bought 3 bags of meat . Each bag has a mass of $2\frac{1}{9}$ kg . If he gave $4\frac{2}{3}$ kg to Rozana . How many kilograms left ?

....



14. **Draw two different rectangles with an area 24 square units .**



15. A rectangular room of $1\frac{1}{4}$ m wide and 4 m longe . Find the area .

....

16. Mr Mahmoud Elkholy is reading achapter book in MATH . He can read $10\frac{2}{3}$ pages in 1 hour . How many pages will he read in 15 minutes ?

....

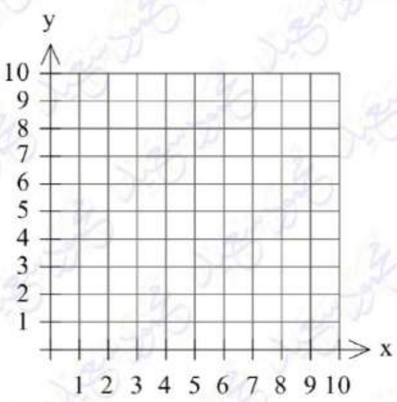
17. If the price of 16 candies 26 L.E. .find the price of each one .

....

(18) Plot the points on the coordinate plane :

A(2 , 4)   B (7 , 4)   C(7 , 7)   D (2 , 7)

- what is the name of the figure ABCD ? Rectangle
- what is the length of AB ?
- what is the length of BC ?
- CD // ....
- AB is perpendicular to ....



(19) How many $\frac{1}{6}$ cup in 6 cups of chocolate ?

....

(20) Mr Mahmoud Elkholy wants to give $\frac{1}{5}$ of a box candies to each student he has 9 boxes . To how many students will he be able to give candies ?

....

(21) Find the area of the opposite rectangle .



....

....

(22) Sofian wants to design a cuboid room of volume 12,000,000 cm3 , it's length = 300 cm and it's height = 200 cm, find it's width .

....

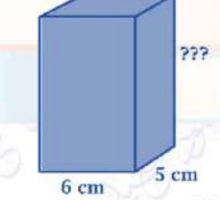
(23) A cuboid with a square base it's length 20 cm . 24000 cm3 oil was poured into it . What is the height of the oil ?

....

(24) MR Mahmoud Elkholy walked $1\frac{1}{2}$ km and his student Ebrahim walked $2\frac{3}{5}$ km more . What distance that Ebrahim walked ?

....

(25) if the volume = 300 cm3 , find the height of this solid .



....

(26) Samira studied MATH for $1\frac{1}{2}$ hours and scince for 40 minutes . How many minutes did Samira study in all ?

....

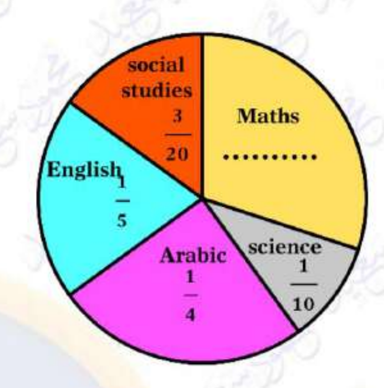
(27) Answer with the number line .

- what is the value of A ?
- what is the value of B ?
- what is the value of C ?
- what is the distance between A and C ?

0   A   B   C   10



(28) **The opposite figure shows the fraction of time that Eyad spends in studying subjects . He studied 20 hours .**

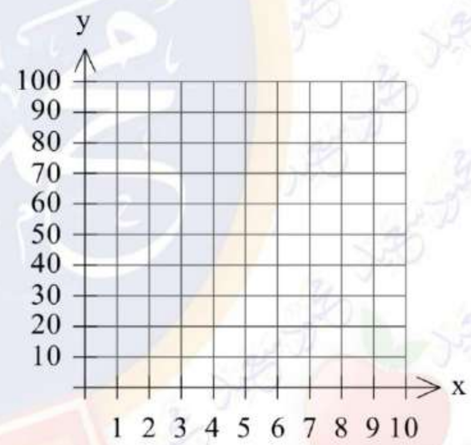


- what's the decimal of the time that Eyad spends in studying Maths ?
- what's the fraction of the time that Eyad spends in studying Maths ?
- what's the measure of the central angle of science ?
- what's the measure of the central angle of Arabic ?
- How many hours did he study English ?
- How many hours did he study Arabic ?
- How many hours did he study science ?



(29) **Ahmed's car consumes 1 Liter of petrol to cover 5 km , complete the table and graph the points on the grid .**

Petrol	Distance
1	5
2	10
4	20
6	30
9	45
10	50



- How many liters are needed to cover 40 km ?
- 12 liters can be consumed to cover .... Km

(30) **Represent these data by the opposite pie chart .**

Rate	excellent	good	pass	weak
Fraction	$\frac{3}{20}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{10}$



- If the total number of students is 100 students ,

1- find the number of good students .

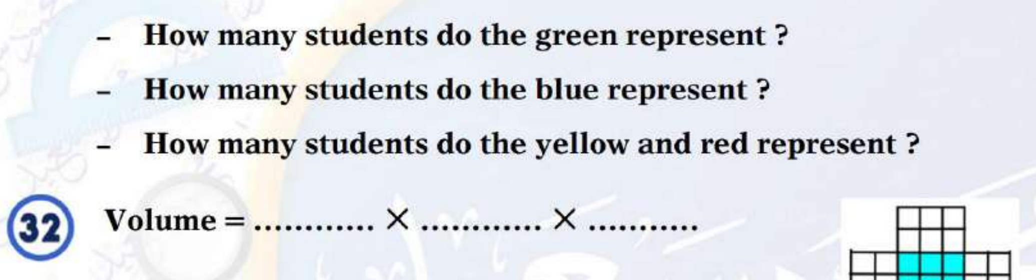
2- find the number of pass students .

3- find the number of week students .

4- find the number of excellent students .

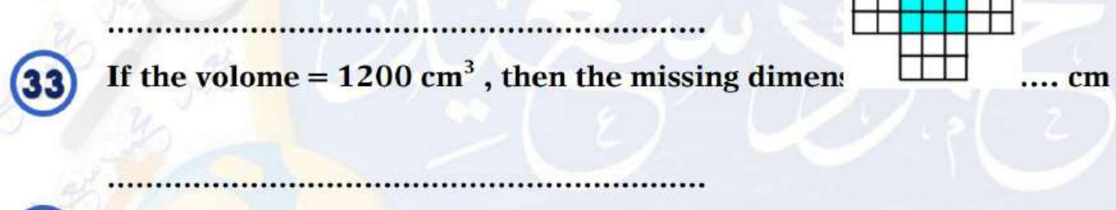
31 **In the opposite circle . This represents 80 students .**

- Shade $\frac{1}{2}$ of the circle green .
- Shade $\frac{1}{8}$ of the circle red .
- Shade $\frac{1}{4}$ of the circle blue .
- Shade $\frac{1}{8}$ of the circle yellow .
- what decimal of the group is blue ?
- what decimal of the group is green ?
- what decimal of the group is red ?
- How many students do the green represent ?
- How many students do the blue represent ?
- How many students do the yellow and red represent ?

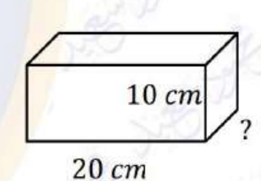


32 Volume = ………… × ………… × ………..

……………………………………………………

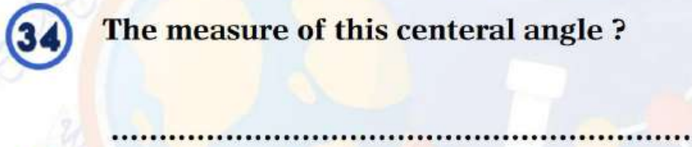


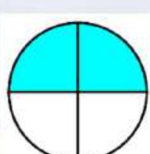
33 If the volome = 1200 cm^3 , then the missing dimens …. cm



……………………………………………………

34 The measure of this centeral angle ?





……………………………………………………

35 Find the value of a

a) $6 \div a = 24$

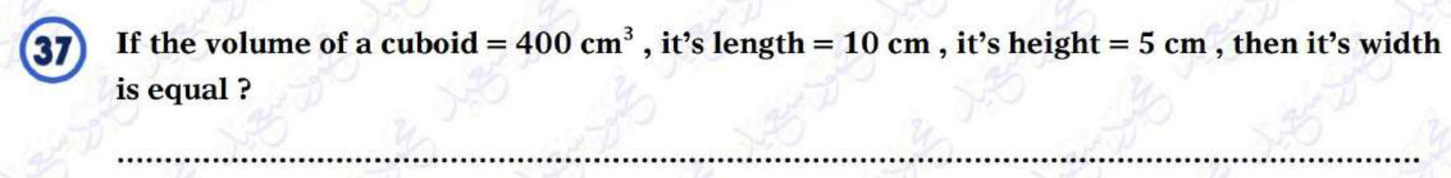
b) $\frac{1}{7} \div a = \frac{1}{21}$



……………………………………………………………………………………………………

36 The Area of the opposite figure

……………………………………………………



37 If the volume of a cuboid = 400 cm^3 , it's length = 10 cm , it's height = 5 cm , then it's width is equal ?

……………………………………………………………………………………………………

38 In the opposite figure:

If the total number of students of 100 students then

a) The number of students who prefer swimming is ....

b) The fraction which represents basketball is ....



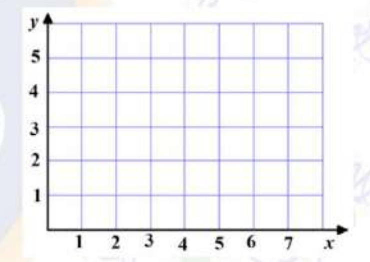
39 From the opposite table, complete:

x	a	6	5	4	3	2	1
y	c	b	15	12	9	6	3

a = ...
b = ...
c = ...
if x = 9, then y = ...
if y = 30, then x = ...

40 In the opposite coordinate palne graph the figure ABCD where A (1, 1), B (5, 1), C (5, 4), and D (1, 4)

....



41 Multiply then put the result in simplest form : $2\frac{1}{4} \times 2\frac{2}{3} =$............

....

42 A mosque has a window that is $\frac{4}{5}$ m wide and $1\frac{1}{4}$ m long. What is the area of window in square meter?

....

43 Subtract : $2\frac{2}{3} - 1\frac{3}{5} =$............

....

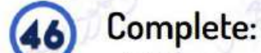
44 The point of intersection of x-axis and y-axis is called ....

....

45 Use the number line to answer the following:
a) The value of B is ....
b) How far is point c from point A? ....
The value of D is ....

A B C D
0 1 $2\frac{1}{2}$ 4 6

....



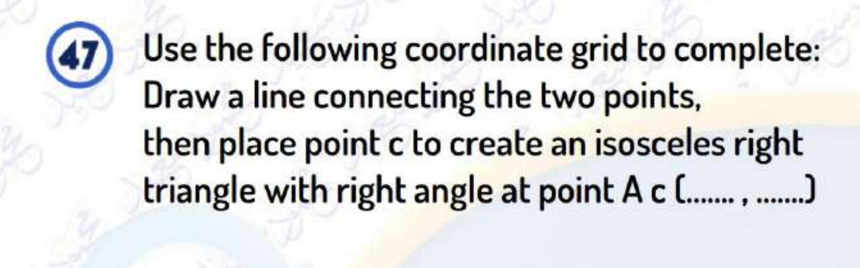
46 Complete:

a) If triangle was 2, 2, 1 then this is ....

b) If triangle was 5, 5, 5 then this is ....

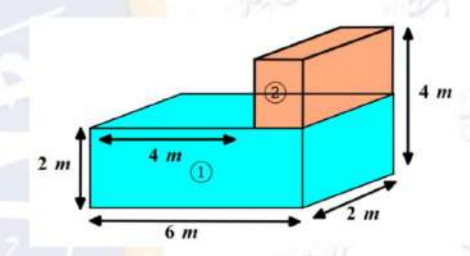
c) If triangle was $70°, 80°, 30°$ is ....

....



47 Use the following coordinate grid to complete:
Draw a line connecting the two points,
then place point c to create an isosceles right triangle with right angle at point A c (....... , ...)

....

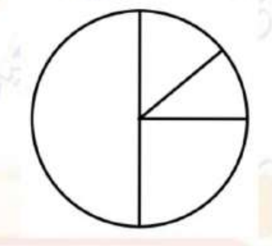


48 Determine the volume of the given compound shape

....

49 Represent the following data by the opposite pie chart

Rate	Excellent	Good	Pass	Weak
Number of students	4	8	2	2



....

....

....

....

50 Find the volume of rectangle prism with dimensions 3 cm, 2 cm, 2 cm

....

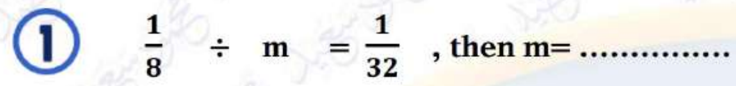
تم بحمد الله ،

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم



Second term Questions Bank





Question 01 choose the correct answer

1. $\frac{1}{8} \div m = \frac{1}{32}$, then m= ....

   ⓐ 4 ⓑ $\frac{1}{4}$ ⓒ 32 ⓓ $\frac{8}{32}$

2. A ....is a circle divided into sectors .

   ⓐ Height ⓑ Pie graph ⓒ sector ⓓ Bar graph

3. the measure of an acute angle .... the measure of a right angle

   ⓐ $<$ ⓑ $>$ ⓒ $=$ ⓓ otherwise

4. The opposite triangle is ....

   ⓐ right ⓑ Obtuse ⓒ acute ⓓ otherwise

5. $3\frac{2}{5} \times 5 =$ ....

   ⓐ $\frac{17}{5}$ ⓑ 5 ⓒ 17 ⓓ $3\frac{10}{5}$

6. It is impossible to draw a triangle with two .... Angles .

   ⓐ Acute ⓑ Obtuse ⓒ right ⓓ both b and c

7. The measure of an acute angle may be .... °

   ⓐ 0° ⓑ 40° ⓒ 90° ⓓ 170°

8. $\frac{4}{11}$ x .... $= \frac{4}{11} + \frac{4}{11} + \frac{4}{11} + \frac{2}{11}$

   ⓐ $\frac{14}{11}$ ⓑ $3\frac{1}{2}$ ⓒ 4 ⓓ $\frac{6}{11}$

9. $\frac{8}{15} \times b = \frac{8}{15} + \frac{8}{15} + \frac{4}{15}$, then b = ...

   ⓐ $\frac{20}{15}$ ⓑ $3\frac{1}{2}$ ⓒ 3 ⓓ 2.5

10. $\frac{3}{12} + \frac{3}{8} + \frac{2}{6} =$ ....

    ⓐ $\frac{23}{24}$ ⓑ $\frac{1}{6}$ ⓒ $\frac{8}{12}$ ⓓ 1





11) Volume of  is .... Cube units .

ⓐ 3 ⓑ 4 ⓒ 5 ⓓ 10



12) $\frac{4}{9}$ x 0.5 = ...

ⓐ $\frac{8}{9}$ ⓑ $\frac{20}{9}$ ⓒ 20 ⓓ $\frac{2}{9}$

13) $\frac{8}{15}$ x 0.25 = ...

ⓐ $\frac{1}{4}$ ⓑ $\frac{25}{15}$ ⓒ 24 ⓓ $\frac{2}{15}$



14) It is impossible to draw a triangle with one .... Angles .

ⓐ Acute ⓑ Obtuse ⓒ right ⓓ both b and c

15) 90 minutes = ... hours

ⓐ $12\frac{1}{2}$ ⓑ $3\frac{1}{2}$ ⓒ 30 ⓓ $1\frac{1}{2}$

16) The solid which has 5 vertices and 8 edges is ....

ⓐ Cone ⓑ Cube ⓒ cuboid ⓓ Pyramid

17) The measure of an acute angle .... The measure of an obtuse angle

ⓐ < ⓑ > ⓒ = ⓓ otherwise

18) 8 ÷ e = 40 , then e = ...

ⓐ 40 ⓑ $\frac{9}{40}$ ⓒ 5 ⓓ $\frac{1}{5}$

19) $\frac{7}{9} - \frac{3}{9}$ = ...

ⓐ $\frac{4}{9}$ ⓑ $\frac{5}{0}$ ⓒ 1 ⓓ $\frac{10}{9}$

20) m (< A) = 40° , m (< B) = 70° , m (< C) = 70° , then it is a ....triangle .

ⓐ right ⓑ Obtuse ⓒ acute ⓓ otherwise

21) $3\frac{2}{6}$ x $\frac{....}{6}$ = $3\frac{2}{6}$

ⓐ $\frac{6}{6}$ ⓑ $3\frac{2}{6}$ ⓒ 6 ⓓ $\frac{1}{3}$

22) $\frac{6}{6}$ x 2 = ...

ⓐ $\frac{6}{6}$ ⓑ $2\frac{1}{6}$ ⓒ 2 ⓓ $\frac{5}{2}$

23) $\frac{1}{5}$ ÷ 7 = ...

ⓐ 1 ⓑ $\frac{1}{35}$ ⓒ 35 ⓓ $\frac{5}{7}$

24) the opposite triangle is ....

ⓐ scalene ⓑ Equilateral ⓒ isosceles ⓓ Otherwise



25 Data can be represented by ……………

(a) Line plot (b) Pie graph (c) pictograph (d) All of them

26 …………………. Triangle has 2 acute angles and 1 right angle .

(a) right (b) Obtuse (c) right (d) otherwise

27 the measure of an obtuse angle is ……………. 90°

(a) < (b) > (c) = (d) otherwise

28 the number of horizontal layer is ……………

(a) 3 (b) 4 (c) 5 (d) 10

29 cube has ………. Faces .

(a) 12 (b) 6 (c) 0 (d) 8

30 18 months = ………….. Year

(a) $\frac{18}{12}$ (b) $3\frac{1}{6}$ (c) 3 (d) All of them

31 the simplest form of $4\frac{2}{10}$ is ……………….

(a) $4\frac{3}{4}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) $2\frac{3}{4}$

32 $\frac{25}{8}$ is equivalent to ……………

(a) $2\frac{1}{8}$ (b) $3\frac{1}{25}$ (c) $3\frac{1}{8}$ (d) $\frac{8}{25}$

33 $3\frac{5}{6}$ is equivalent to ……………

(a) $2\frac{5}{6}$ (b) $4\frac{1}{25}$ (c) $3\frac{1}{6}$ (d) $\frac{23}{6}$

34 $3\frac{2}{6}$ is equivalent to ……………

(a) $2\frac{8}{6}$ (b) $3\frac{1}{6}$ (c) $2\frac{2}{6}$ (d) $\frac{23}{6}$

35 $8\frac{8}{8}$ is equivalent to ……………

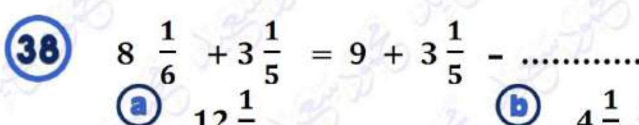
(a) $9\frac{5}{6}$ (b) $8\frac{1}{8}$ (c) 81 (d) 9

36 $4\frac{2}{10}$ is equivalent to ……………………

(a) $4\frac{20}{100}$ (b) $4\frac{1}{5}$ (c) $\frac{42}{10}$ (d) All of them

37 m (< A) = 90° , m (< B) = 60° , m (< C) = 30° , then it is a …………….triangle .

(a) right (b) Obtuse (c) acute (d) otherwise



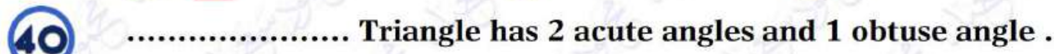
38 $8\frac{1}{6} + 3\frac{1}{5} = 9 + 3\frac{1}{5}$ - ....

(a) $12\frac{1}{5}$ (b) $4\frac{1}{5}$ (c) $\frac{5}{6}$ (d) $\frac{1}{6}$



39 the volume of this solid is .... Cube units .

(a) 12 (b) 3 (c) 2 (d) 9



40 .... Triangle has 2 acute angles and 1 obtuse angle .

(a) right (b) Obtuse (c) right (d) otherwise

41 the measure of a right angle is .... °

(a) 0° (b) 40° (c) 90° (d) 180°

42 $\frac{4}{6}$ x $\frac{4}{9}$ x $\frac{3}{16}$ = ...

(a) $\frac{124}{186}$ (b) $2\frac{2}{16}$ (c) 3 (d) $\frac{1}{18}$

43 $\frac{1}{2}$ x $\frac{2}{3}$ x $\frac{3}{4}$ x .... = $\frac{1}{4}$

(a) 4 (b) 2 (c) 3 (d) 1

44 $4\frac{4}{8} \times \frac{\cdots}{8} = 4\frac{1}{2}$

(a) 4 (b) 1 (c) 8 (d) 2

45 $\frac{8}{7}$ x 3 = 4 x $\frac{\cdots}{7}$

(a) 8 (b) 4 (c) 3 (d) 6

46 $\frac{16}{9}$ x $\frac{3}{4}$ .... $\frac{2}{6}$ x $\frac{3}{8}$

(a) < (b) > (c) = (d) otherwise

47 m (< G) = 110°, m (< D) = 35°, m (< F) = 35°, then it is an ....triangle

(a) right (b) Obtuse (c) acute (d) otherwise

48 1 - .... = 1

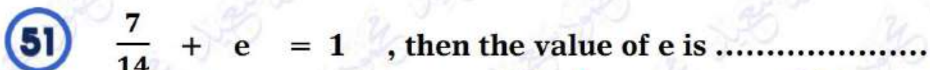
(a) $\frac{1}{2}$ (b) $\frac{10}{10}$ (c) $\frac{0}{3}$ (d) 1

49 Length x width x height = ...

(a) Area (b) Perimeter (c) volume (d) Base area

50 m - $\frac{5}{7}$ = $\frac{1}{4}$, then the value of m is ....

(a) $\frac{27}{28}$ (b) $\frac{13}{28}$ (c) $\frac{1}{4}$ (d) $\frac{5}{7}$



51 $\frac{7}{14} + e = 1$, then the value of e is ....

(a) $\frac{8}{14}$ (b) $\frac{1}{2}$ (c) $\frac{5}{14}$ (d) $\frac{5}{7}$

52 $\frac{11}{16} - a = \frac{1}{4}$, then the value of a is ....

(a) $\frac{8}{16}$ (b) $\frac{7}{16}$ (c) $\frac{10}{12}$ (d) $\frac{6}{6}$

53 $\frac{12}{20}$ is equivalent to ....

(a) $\frac{8}{10}$ (b) $\frac{3}{5}$ (c) $\frac{10}{12}$ (d) $\frac{6}{5}$

54 $4\frac{1}{12}$ years = ... years + ... months

(a) 4 , 2 (b) $4 , \frac{1}{12}$ (c) 4 , 1 (d) 4 , 12

55 .... Triangle has 3 acute angles and 0 obtuse angle .

(a) right (b) Obtuse (c) acute (d) otherwise

56 the measure of an obtuse angle may be .... °

(a) 0° (b) 40° (c) 90° (d) 110°

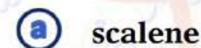
57 $\frac{3}{4} - \frac{3}{8}$ .... $\frac{7}{25} \times \frac{5}{21}$

(a) $<$ (b) $>$ (c) $=$ (d) otherwise

58 $2\frac{2}{6} \times \frac{3}{7} =$ ....

(a) $\frac{14}{21}$ (b) $3\frac{1}{2}$ (c) 1 (d) $\frac{14}{6}$

59 AB = BC = 6.32 cm , AC is less than them , then it is an ....triangle .



(a) scalene (b) Equilateral (c) isosceles (d) otherwise

60 the volume of this solid is .... Cubes.



(a) 3 (b) 4 (c) 5 (d) 10

61 the sum of the measures of angles around at a point is equal ....°

(a) 270 (b) 90 (c) 360 (d) 180

62 $5\frac{2}{8} + 3\frac{6}{8} =$ ....

(a) 9 (b) $8\frac{1}{6}$ (c) $8\frac{4}{6}$ (d) $\frac{4}{6}$

63 $6\frac{1}{5} - 2\frac{3}{5} =$ ....

(a) $4\frac{4}{5}$ (b) $4\frac{2}{5}$ (c) $3\frac{3}{5}$ (d) $\frac{31}{5}$

64 $3\frac{1}{8} + 2\frac{3}{8}$ = ...

ⓐ $5\frac{4}{5}$ ⓑ $5\frac{1}{2}$ ⓒ $1\frac{4}{8}$ ⓓ $1\frac{2}{8}$

65 $9\frac{3}{9} - 3\frac{1}{3}$ = ...

ⓐ $6\frac{2}{3}$ ⓑ $6\frac{7}{9}$ ⓒ $6\frac{1}{9}$ ⓓ 6

66 $3\frac{2}{3} \times \frac{1}{5} = \frac{1}{5} \times 3 + \frac{1}{5} \times$ ....

ⓐ $\frac{2}{3}$ ⓑ $3\frac{2}{3}$ ⓒ 3 ⓓ $\frac{8}{3}$

67 45 minutes = ... Hours

ⓐ $\frac{1}{2}$ ⓑ $\frac{1}{4}$ ⓒ 1 ⓓ $\frac{3}{4}$

68 base area x height = ...

ⓐ Area ⓑ Perimeter ⓒ volume ⓓ Base area

69 .... Triangle has 3 different sides .

ⓐ scalene ⓑ Equilateral ⓒ isosceles ⓓ otherwise

70 A ....is bounded by an arc and two radii .

ⓐ Height ⓑ Pie graph ⓒ sector ⓓ Bar graph

71 the colored part represent .... Of the circle .



ⓐ $\frac{1}{4}$ ⓑ 0.5 ⓒ $\frac{3}{4}$ ⓓ 0.25

72 75 minutes = ... Hours

ⓐ $\frac{1}{2}$ ⓑ $1\frac{1}{4}$ ⓒ 1 ⓓ $\frac{3}{4}$

73 Which is equal to $6 \times \frac{3}{9}$?

ⓐ 2 ⓑ $3 \times \frac{6}{9}$ ⓒ $18 \times \frac{1}{9}$ ⓓ all of them

74 $5 + \frac{3}{5} + \frac{2}{5}$ = ...

ⓐ $5\frac{2}{5}$ ⓑ 6 ⓒ $\frac{18}{4}$ ⓓ 4

75 $\frac{2}{3} + \frac{7}{12} = 1 +$ ....

ⓐ $\frac{2}{5}$ ⓑ $\frac{1}{4}$ ⓒ $\frac{1}{3}$ ⓓ $\frac{1}{5}$

76. $\frac{1}{4} + \frac{3}{12} = 1 - \ldots\ldots$

(a) $\frac{1}{2}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{1}{5}$

77. $3\frac{3}{4} = \ldots\ldots \div 4$

(a) 12 (b) 4 (c) 3 (d) 15

78. $\ldots\ldots = 13 \div 5$

(a) 2 (b) 5 (c) $2\frac{3}{5}$ (d) 18

79. $\frac{1}{2}$ year = ... Months

(a) 5 (b) 6 (c) 2 (d) 1

80. $\frac{1}{4} + \frac{3}{16} = \ldots\ldots$

(a) $\frac{7}{16}$ (b) 0 (c) 16 (d) $\frac{4}{20}$

81. $8\frac{1}{6} + 3.5 = \ldots\ldots$

(a) $11\frac{2}{3}$ (b) $11\frac{1}{6}$ (c) $4\frac{2}{3}$ (d) 5

82. volume ÷ height = ...

(a) Height (b) Width (c) volume (d) Base area

83. .... Triangle has 2 same sides and 1 different .

(a) scalene (b) Equilateral (c) isosceles (d) otherwise

84. $4\frac{3}{7} + \ldots\ldots = 5\frac{1}{3}$

(a) $9\frac{4}{21}$ (b) $1\frac{16}{21}$ (c) 1 (d) $\frac{19}{21}$

85. $m - 7\frac{2}{12} = 3\frac{1}{4}$, then the value of m is ....

(a) $10\frac{5}{12}$ (b) $3\frac{11}{12}$ (c) 4 (d) $4\frac{1}{8}$

86. $a + 6\frac{4}{12} = 9\frac{3}{4}$, then the value of a is ....

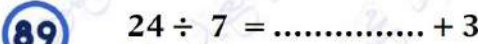
(a) $3\frac{5}{12}$ (b) $15\frac{7}{12}$ (c) 2.5 (d) $16\frac{1}{12}$

87. $\frac{100}{100} \times 5\frac{5}{12} = \ldots\ldots$

(a) $\frac{600}{12}$ (b) $5\frac{5}{12}$ (c) 600 (d) $\frac{6}{12}$

88. volume ÷ (length x width) = ...

(a) Height (b) Width (c) volume (d) Base area



89 $24 \div 7 = \dots\dots\dots\dots + 3$

(a) $\frac{3}{3}$ (b) $\frac{1}{8}$ (c) 3 (d) $\frac{3}{7}$

90 $25 \div \dots\dots\dots = 6\frac{1}{4}$

(a) 6 (b) $\frac{1}{4}$ (c) 4 (d) $\frac{6}{25}$

91 The smallest like denominator of $\frac{5}{6}$ and $\frac{1}{3}$ is ……………

(a) 18 (b) 6 (c) 3 (d) 2

92 The simplest form of form of $\frac{6}{12}$ is ……………

(a) $\frac{1}{2}$ (b) $\frac{2}{3}$ (c) $\frac{5}{6}$ (d) $\frac{12}{6}$

93 $3\frac{2}{5} \times 5 = 5 \times \dots\dots\dots\dots$

(a) $\frac{5}{2}$ (b) $\frac{2}{5}$ (c) $\frac{17}{5}$ (d) $\frac{15}{5}$

94 $\frac{2}{6}$ x 3 = ……………



(a) $\frac{5}{6}$ (b) 1 (c) 36 (d) $\frac{12}{3}$

95 volume ÷ (length x height) = ……………

(a) Height (b) Width (c) volume (d) Base area

96 the measure of this central angle is …………°



(a) 360 (b) 270 (c) 90 (d) 180

97 $\frac{2}{5}$ x 3 = 6 x ……………

(a) $\frac{2}{5}$ (b) $\frac{1}{5}$ (c) 5 (d) $\frac{6}{5}$

98 $\frac{1}{6}$ year = …………… Months

(a) 5 (b) 6 (c) 2 (d) 1

99 the angle whose vertex is the center of the circle is called …………angle .

(a) Centeral (b) Circular (c) right (d) Straight

100 $\frac{2}{8} + \frac{6}{8} = \dots\dots\dots\dots$

(a) $\frac{4}{6}$ (b) $\frac{2}{3}$ (c) 1 (d) $\frac{6}{8}$

101 If the volume of a cuboid = 30 cm^3 and base area = 15 cm^2 , then it's height is …….. Cm

(a) 5 (b) 2 (c) 15 (d) 150



102 $4 \div \frac{1}{4}$ .... $\frac{1}{4} \div 4$

ⓐ $<$ ⓑ $>$ ⓒ $=$ ⓓ otherwise

103 $\frac{1}{...?....} = \frac{8}{24}$

ⓐ 0 ⓑ 2 ⓒ 3 ⓓ 1

104 $1\frac{1}{8}$ day = ... hours

ⓐ 24 ⓑ 8 ⓒ 27 ⓓ 2

105 .... $\div \frac{1}{6} = 24$

ⓐ 4 ⓑ $\frac{1}{4}$ ⓒ 36 ⓓ $\frac{6}{24}$

106 The LCM of denominators of $\frac{4}{7}$ and $\frac{2}{5}$ is ....

ⓐ 7 ⓑ 35 ⓒ 5 ⓓ $\frac{6}{35}$

107 $\frac{1}{4} \div \frac{1}{2}$ = ...

ⓐ 4 ⓑ $\frac{1}{4}$ ⓒ 8 ⓓ $\frac{1}{2}$

108 $10 \div \frac{1}{5}$ = ...

ⓐ 2 ⓑ $\frac{1}{5}$ ⓒ 50 ⓓ $\frac{5}{10}$

109 $1 - \frac{3}{5} - \frac{2}{5}$ = ...

ⓐ 0 ⓑ 2 ⓒ $\frac{5}{5}$ ⓓ 1

110 $\frac{2}{5} = \frac{.....}{15}$

ⓐ 0 ⓑ 2 ⓒ 3 ⓓ 6

111 $\frac{1}{...?...} = \frac{12}{24}$

ⓐ 0 ⓑ 2 ⓒ 3 ⓓ 1

112 $8 \div \frac{1}{4}$ .... $4 \div \frac{1}{8}$

ⓐ $<$ ⓑ $>$ ⓒ $=$ ⓓ otherwise

113 $\frac{1}{5} + \frac{2}{3}$ = ...

ⓐ $\frac{13}{15}$ ⓑ $\frac{3}{8}$ ⓒ 0 ⓓ $\frac{1}{2}$

114) ....+ $\frac{5}{8}$ = 1

(a) $\frac{4}{8}$ (b) $\frac{3}{8}$ (c) 0 (d) $\frac{1}{2}$

115) .... + $\frac{5}{10}$ = 1

(a) $\frac{1}{2}$ (b) $\frac{5}{10}$ (c) $\frac{4}{8}$ (d) all of them

116) 1 - .... = 0

(a) $\frac{1}{2}$ (b) $\frac{10}{10}$ (c) $\frac{2}{3}$ (d) 0

117) $3\frac{1}{2}$ hours = ... hours + ... minutes

(a) 3 , 30 (b) 3 , $\frac{1}{2}$ (c) 3 (d) 4 , 2

118) $\frac{3}{2} \times \frac{12}{24}$ = ...

(a) $\frac{4}{3}$ (b) $\frac{3}{4}$ (c) $\frac{1}{4}$ (d) $\frac{1}{3}$

119) The figure name is ......

(a) Cylinder (b) Kite (c) Cube (d) Cone

120) $\frac{2}{11}$ x .... = $\frac{3}{11}$

(a) $\frac{1}{11}$ (b) 1 (c) $\frac{3}{2}$ (d) $\frac{11}{3}$

121) $\frac{3}{5}$ x 1.5 x 30 =...........

(a) 27 (b) 6 (c) 15 (d) $\frac{1}{2}$

122) $3\frac{2}{3} \times \frac{1}{5} = (... \times 3) + (\frac{1}{5} \times \frac{2}{3})$

(a) $\frac{2}{3}$ (b) $\frac{1}{5}$ (c) 3 (d) 5

123) 15 minutes = ... hours

(a) $\frac{1}{2}$ (b) $\frac{3}{4}$ (c) $\frac{1}{4}$ (d) $\frac{2}{4}$

124) .... minutes = $\frac{1}{2}$ hours .

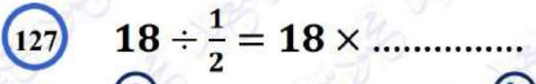
(a) 10 (b) 30 (c) 60 (d) 45

125) 2 ÷ 4 = ...

(a) $\frac{4}{2}$ (b) $\frac{2}{4}$ (c) $\frac{1}{4}$ (d) 2

126) 40 ÷ ... = $4\frac{4}{9}$

(a) 8 (b) 16 (c) 9 (d) 6

127 
$18 \div \frac{1}{2} = 18 \times$ ....

ⓐ 8 ⓑ 4 ⓒ $\frac{1}{2}$ ⓓ 2

128 $\frac{4}{11} \times ... = \frac{4}{11} + \frac{4}{11} + \frac{4}{11}$

ⓐ 4 ⓑ 11 ⓒ 3 ⓓ 2

129 $d \div \frac{1}{5} = \frac{1}{2}$, Then d = ...

ⓐ $\frac{2}{5}$ ⓑ $\frac{5}{2}$ ⓒ $\frac{1}{2}$ ⓓ $\frac{1}{10}$

130 Any triangle has at least .... acute angle

ⓐ 2 ⓑ 3 ⓒ 1 ⓓ 0

131 Volume of [4 cubes] is .... cube units

ⓐ 5 ⓑ 4 ⓒ 1 ⓓ 9

132 The measure of anght is .... 90°

ⓐ > ⓑ < ⓒ = ⓓ ≥

133 The sphere has .... vertex

ⓐ 0 ⓑ 1 ⓒ 12 ⓓ 8

134 $\frac{5}{8}$ x 0.4 = ...

ⓐ $\frac{4}{10}$ ⓑ $\frac{1}{4}$ ⓒ 8 ⓓ 4

135 $\frac{2}{3}$ year = ... Months

ⓐ 8 ⓑ 6 ⓒ 12 ⓓ 4

136 the colored pant represent ....

ⓐ $\frac{1}{4}$ ⓑ $\frac{3}{4}$ ⓒ $\frac{1}{3}$ ⓓ 1

137 The sum of all fractions in one cireles ....

ⓐ 1 ⓑ $\frac{1}{2}$ ⓒ $\frac{1}{4}$ ⓓ 360°

138 The lcm of denominators of $\frac{4}{5}$, $\frac{2}{25}$

ⓐ 5 ⓑ 2 ⓒ 10 ⓓ 25

139 $\frac{1}{4} + \frac{3}{4} = 1 -$ ....

ⓐ 0 ⓑ $\frac{1}{4}$ ⓒ $\frac{3}{4}$ ⓓ $\frac{4}{4}$

140 120 seconds = ... Minutes

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 4

(141) $\frac{3}{2} \times 2 =$ ....

ⓐ 4 ⓑ $\frac{1}{2}$ ⓒ $\frac{2}{3}$ ⓓ 3

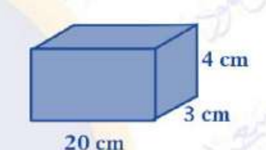
(142) $\frac{8}{9} \times 0.125 =$ ....

ⓐ $\frac{3}{8}$ ⓑ $\frac{1}{9}$ ⓒ 9 ⓓ 8

Question 03 Answer the following questions



1. find the volume of this solid .



V = L x W x H ,,, V = 20 x 3 x 4 = 240 cm^3



2. Mohamed bought a book by $\frac{1}{3}$ of his money and a candy by $\frac{2}{7}$ of his money and saved the left money . What fraction of money does Mohamed save ?

$\frac{1}{3} + \frac{2}{7} = \frac{13}{21}$ ---- $1 - \frac{13}{21} = \frac{8}{21}$ of his money

3. Yara's garden consists of $\frac{3}{8}$ poppies , $\frac{1}{4}$ roses and flowers in the rest of the garden what fraction of the flowers in the garden ?

$\frac{3}{8} + \frac{1}{4} = \frac{5}{8}$ --- $1 - \frac{5}{8} = \frac{3}{8}$



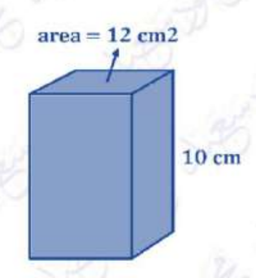
4. Besan collected $6\frac{2}{7}$ of honey . She gave his sister Sandy $3\frac{3}{4}$ kg of them . How many kilograms are left ?

$6\frac{2}{7} - 3\frac{3}{4} = 2\frac{15}{28}$



5. Yousef spent $\frac{5}{6}$ of his money for buying candy and $\frac{3}{4}$ for buying clothes . Write their fractions with like denominators .

$\frac{10}{12}$, $\frac{9}{12}$



6. find the volume of this solid .

V = B.A x H ,,,, V = 12 x 10 = 120 cm^3

7 Lena ate $1\frac{3}{4}$ kg of fruits , Yasin ate $\frac{1}{5}$ kg more than Lena and Jana ate $\frac{3}{10}$ kg less than Yasin . How many kilograms did Jana eat ?

yasin = $1\frac{3}{4} + \frac{1}{5} = 1\frac{19}{20}$ kg

Jana = $1\frac{19}{20} - \frac{3}{10} = 1\frac{13}{20}$ kg

8 Seif studied MATH for $3\frac{1}{4}$ hours and science for 30 minutes . How many hours did Seif study in all ?

$3\frac{1}{4} + \frac{1}{2} = 3\frac{3}{4}$ hours

9 Esraa notice that $\frac{1}{3}$ of the 9 rose bushes are in bloom . How many rose bushes are in bloom ?

$\frac{1}{3} \times 9 = 3$ rose bushes

10 Maya ate $\frac{1}{4}$ of 24 candies . How many candies are left ?

$\frac{3}{4} \times 24 = 18$ candies

11 write three different multiplication expressions that have the same product as $5 \times \frac{4}{8}$

$4 \times \frac{5}{8}$, $\frac{4}{8} \times 5$, $20 \times \frac{1}{8}$

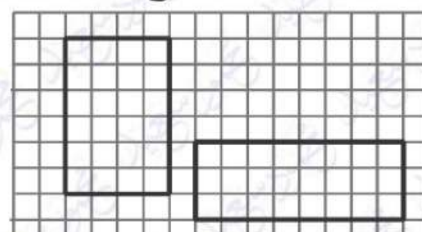
12 Dareen bought $3\frac{1}{8}$ liters of water for $\frac{4}{5}$ for each liter . How much money did Dareen pay ?

$\frac{4}{5} \times 3\frac{1}{8} = 2.5$ LE

13 Mohamed bought 3 bags of meat . Each bag has a mass of $2\frac{1}{9}$ kg . If he gave $4\frac{2}{3}$ kg to Rozana . How many kilograms left ?

$3 \times 2\frac{1}{9} = 6\frac{1}{3}$ kg ➡ $6\frac{1}{3} - 4\frac{2}{3} = 1\frac{2}{3}$ kg

14 **Draw two different rectangles with an area 24 square units .**



15 A rectangular room of $1\frac{1}{4}$ m wide and 4 m longe . Find the area .

$4 \times 1\frac{1}{4} = 5$ square meter

16 Mr Mahmoud Elkholy is reading achapter book in MATH . He can read $10\frac{2}{3}$ pages in 1 hour . How many pages will he read in 15 minutes ?

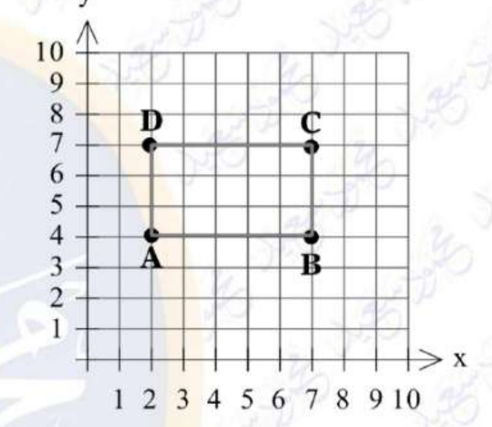
15 min = $\frac{1}{4}$ hours ⟶ $10\frac{2}{3} \times \frac{1}{4} = 2\frac{2}{3}$ pages

17 If the price of 16 candies 26 L.E. .find the price of each one .

$26 \div 16 = 1\frac{5}{8}$ LE

Plot the points on the coordinate plane :

18 A(2 , 4) B (7 , 4) C(7 , 7) D (2 , 7)



- what is the name of the figure ABCD ? Rectangle
- what is the length of AB ? 5
- what is the length of BC ? 3
- CD // ....BA......
- AB is perpendicular to .....BC.....

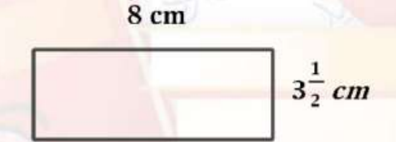
19 How many $\frac{1}{6}$ cup in 6 cups of chocolate ?

$6 \div \frac{1}{6} = 36$ cups

20 Mr Mahmoud Elkholy wants to give $\frac{1}{5}$ of a box candies to each student he has 9 boxes . To how many students will he be able to give candies ?

$9 \div \frac{1}{5} = 45$ students

21 **Find the area of the opposite rectangle .**



$8 \times 3\frac{1}{2} = 28$ square cm

22 Sofian wants to design a cuboid room of volume 12,000,000 cm3 , it's length = 300 cm and it's height = 200 cm, find it's width .

W = V ÷ (L x H) ,,, W = 12,000,000 ÷ (300x 200) = 200 cm

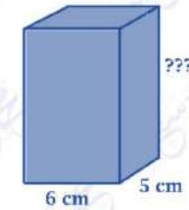
23 A cuboid with a square base it's length 20 cm . 24000 cm3 oil was poured into it . What is the height of the oil ?

H = V ÷ (L x W) ,,, H = 24000 ÷ (20 x 20) = 60 cm



24 MR Mahmoud Elkholy walked $1\frac{1}{2}$ km and his student Ebrahim walked $2\frac{3}{5}$ km more . What distance that Ebrahim walked ?

$1\frac{1}{2} + 2\frac{3}{5} = 4\frac{1}{10}$ km



25 if the volume = 300 cm3 , find the height of this solid .

H = V ÷ (L x W) ,,, H = 300 ÷ (6 x 5) = 10 cm

26 Samira studied MATH for $1\frac{1}{2}$ hours and scince for 40 minutes . How many minutes did Samira study in all ?

$1\frac{1}{2} \times 60 = 90$ min \\ 90 + 40 = 130 min

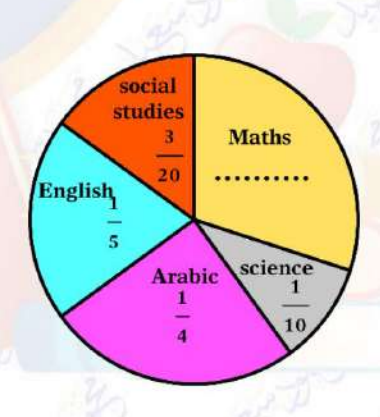
27 **Answer with the number line .**

- what is the value of A ? 2
- what is the value of B ? 5
- what is the value of C ? 8
- what is the distance between A and C ? 6

(Number line: 0, A, B, C, 10)

28 **The opposite figure shows the fraction of time that Eyad spends in studying subjects . He studied 20 hours .**

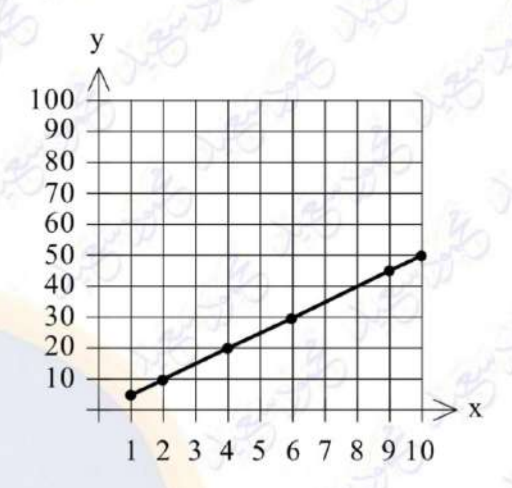
- what's the decimal of the time that Eyad spends in studying Maths ? 0.3
- what's the fraction of the time that Eyad spends in studying Maths ? $\frac{3}{10}$
- what's the measure of the central angle of science ? 36 °
- what's the measure of the central angle of Arabic ? 90 °
- How many hours did he study English ? 4 HOURS
- How many hours did he study Arabic ? 5 HOURS
- How many hours did he study science ? 2 HOURS





Ahmed's car consumes 1 Liter of petrol to cover 5 km , complete the table and graph the points on the grid .

Petrol	Distance
1	5
2	10
4	20
6	30
9	45
10	50





- How many liters are needed to cover 40 km ? 8 L

- 12 liters can be consumed to cover .....60...... Km



Represent these data by the opposite pie chart .

Rate	excellent	good	pass	weak
Fraction	$\frac{3}{20}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{10}$

- If the total number of students is 100 students ,

1- find the number of good students . 50 students

2- find the number of pass students . 25 students

3- find the number of week students . 10 students

4- find the number of excellent students . 15 students

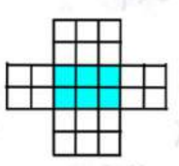
Excellent
good
pass
weak

31 In the opposite circle . This represents 80 students .

- **Shade $\frac{1}{2}$ of the circle green .**
- **Shade $\frac{1}{8}$ of the circle red .**
- **Shade $\frac{1}{4}$ of the circle blue .**
- **Shade $\frac{1}{8}$ of the circle yellow .**
- **what decimal of the group is blue ? 0.25**
- **what decimal of the group is green ? 0.5**
- **what decimal of the group is red ? 0.125**
- **How many students do the green represent ? $\frac{1}{2}$ X 80 = 40 students**
- **How many students do the blue represent ? $\frac{1}{4}$ X 80 = 20 students**
- **How many students do the yellow and red represent ? $\frac{1}{4}$ X 80 = 20 students**

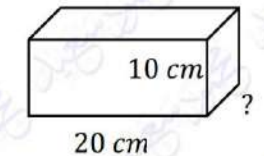


32 Volume = ………… × ………… × …………



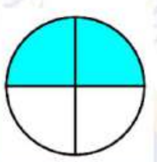
$3 \times 2 \times 2$

33 If the volome = 1200 cm^3 , then the missing dimension is ………… cm



$\frac{1200}{20\times10} = \frac{1200}{200} =$ 6 cm

34 The measure of this centeral angle ?



180°

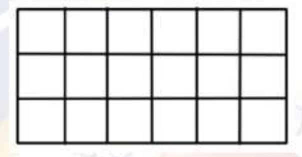
35 Find the value of a

a) $6 \div a = 24$

b) $\frac{1}{7} \div a = \frac{1}{21}$

a) $\frac{1}{4}$ b) 3

36 The Area of the opposite figure



3 x 6 = 18 square units

37 If the volume of a cuboid = 400 cm^3 , it's length = 10 cm , it's height = 5 cm , then it's width is equal ?

Width = $\frac{400}{5\times10} = \frac{400}{50} =$ 8 cm

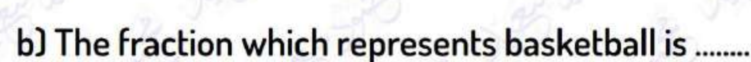
38 In the opposite figure:

If the total number of students of 100 students then





a) The number of students who prefer swimming is ………



b) The fraction which represents basketball is …………

a) $\frac{1}{4} \times 100 = 25$ b) $\frac{1}{8}$

39 From the opposite table, complete:

x	a	6	5	4	3	2	1
y	c	b	15	12	9	6	3

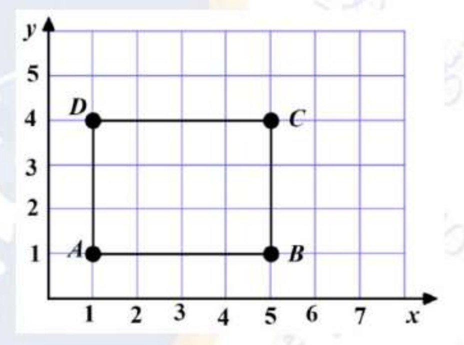
a = ...
b = ...
c = ...
if x = 9, then y = ...
if y = 30, then x = ...

A = 7   b = 18   c = 21

y = 27

x = 10


40 In the opposite coordinate palne graph the figure ABCD where A (1, 1), B (5, 1), C (5, 4), and D (1, 4)




Rectangle

41 Multiply then put the result in simplest form : $2\frac{1}{4} \times 2\frac{2}{3} =$............

$= \frac{9}{4} \times \frac{8}{3}$

$= \frac{72}{12} = 6$

42 A mosque has a window that is $\frac{4}{5}$ m wide and $1\frac{1}{4}$ m long. What is the area of window in square meter?

A = $1\frac{1}{4} \times \frac{4}{5}$

$= \frac{5}{4} \times \frac{4}{5} = 1\ m^2$

43 Subtract : $2\frac{2}{3} - 1\frac{3}{5} =$...........

= $2\frac{10}{15} - 1\frac{9}{15}$

= $1\frac{1}{15}$



The point of intersection of x-axis and y-axis is called ....

Origin point (0, 0)

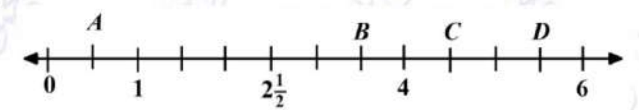


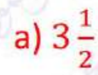
Use the number line to answer the following:

a) The value of B is ....

b) How far is point c from point A? ....

The value of D is ....





a) $3\frac{1}{2}$ b) 4 c) $5\frac{1}{2}$



Complete:

a) If triangle was 2, 2, 1 then this is ....

b) If triangle was 5, 5, 5 then this is ....

c) If triangle was $70°, 80°, 30°$ is ....

a) Is oceles triangle

b) Equilateral triangle

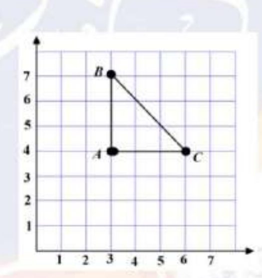
c) acute triangle



Use the following coordinate grid to complete:

Draw a line connecting the two points,

then place point c to create an isosceles right triangle with right angle at point A c (....... , ...)



C (6, 4)

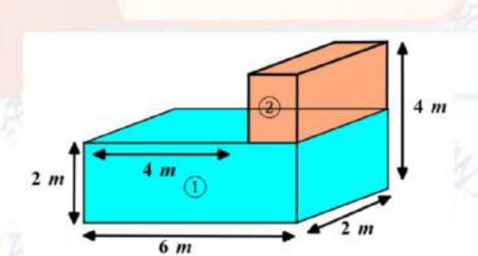


Determine the volume of the given compound shape

$V_2 = 2 \times 2 \times 2 = 8\ m^3$

$V_1 = 2 \times 6 \times 2 = 24\ m^3$

$V = V_1 + V_2 = 8 + 24 = 32\ m^3$







Represent the following data by the opposite pie chart

Rate	Excellent	Good	Pass	Weak
Number of students	4	8	2	2

Total = $4+8+2+2=16$

Excellent = $\frac{4}{16}=\frac{1}{4}$

Good = $\frac{8}{16}=\frac{1}{2}$

Pass = $\frac{2}{16}=\frac{1}{8}$

Weak = $\frac{2}{16}=\frac{1}{8}$





Find the volume of rectangle prism with dimensions 3 cm, 2 cm, 2 cm

V = $3\times 2\times 2=12\ cm^3$

تم بحمد الله ،

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم





كيفية طباعة صفحات معينة من ملف معين

مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9



خطوة 1
File – Print... Ctrl+P

خطوة 2
اختيار اسم الطابعة بتاعتك

خطوة 3
كتابة الصفحات المراد طباعتها
نكتب رقم 4 ثم نكتب الشرطة
دي – ثم نكتب 9

Pages: 4 - 9

خطوة 4
اختيار نوع الورق
Page Setup...

خطوة 5
اختيار A4
Paper Size: A4

خطوة 6
Print

المراجعة رقم (2)

الترم الثانى







Choose the correct answer:

(01) The smallest like denominator of $\frac{2}{3}$ and $\frac{4}{5}$ is ………

Ⓐ 10 Ⓑ 15 Ⓒ 20 Ⓓ 25

(02) the LCM of denominator of $\frac{1}{2}$ and $\frac{3}{10}$ is ………

Ⓐ 1 Ⓑ 2 Ⓒ 3 Ⓓ 10

(03) $\frac{3}{5} + \frac{2}{5} = \ldots\ldots$

Ⓐ $\frac{3}{5}$ Ⓑ $\frac{2}{5}$ Ⓒ 1 Ⓓ 2

(04) The simplest form of $\frac{12}{18}$ is ………

Ⓐ $\frac{2}{8}$ Ⓑ $\frac{2}{3}$ Ⓒ $\frac{18}{12}$ Ⓓ 1

(05) The simplest form of $4\frac{2}{10}$ is ………

Ⓐ $4\frac{3}{4}$ Ⓑ $4\frac{1}{5}$ Ⓒ $\frac{42}{10}$ Ⓓ $2\frac{3}{4}$

(06) $\frac{16}{24} = \frac{\ldots\ldots}{3}$

Ⓐ 2 Ⓑ 3 Ⓒ 4 Ⓓ 8

(07) $\frac{1}{\ldots\ldots} = \frac{2}{8}$

Ⓐ 2 Ⓑ 3 Ⓒ 4 Ⓓ 8

(08) $\frac{2}{5} + \frac{3}{10} = \dots\dots\dots$

Ⓐ $\frac{5}{15}$ Ⓑ $\frac{7}{10}$ Ⓒ $\frac{5}{10}$ Ⓓ $\frac{1}{2}$

(09) $\frac{3}{4} + \frac{1}{2} = \dots\dots\dots$

Ⓐ $\frac{4}{6}$ Ⓑ $\frac{3}{8}$ Ⓒ $\frac{1}{4}$ Ⓓ $1\frac{1}{4}$

(10) $\frac{3}{4} - \frac{5}{8} = \dots\dots\dots$

Ⓐ $\frac{1}{4}$ Ⓑ $\frac{1}{8}$ Ⓒ $\frac{3}{8}$ Ⓓ $\frac{5}{8}$

(11) $\frac{2}{7} + \frac{2}{5} = \dots\dots\dots$

Ⓐ $\frac{4}{35}$ Ⓑ $\frac{4}{13}$ Ⓒ $\frac{4}{12}$ Ⓓ $\frac{24}{35}$

(12) $\frac{4}{5} - \frac{3}{4} = \dots\dots\dots$

Ⓐ $\frac{7}{20}$ Ⓑ $\frac{15}{20}$ Ⓒ $\frac{1}{20}$ Ⓓ $\frac{3}{20}$

(13) $1 - \frac{\dots\dots}{\dots\dots} = \frac{5}{8}$

Ⓐ $\frac{5}{8}$ Ⓑ $\frac{3}{8}$ Ⓒ $\frac{6}{8}$ Ⓓ $\frac{1}{8}$

(14) $\frac{6}{8} - \frac{\dots\dots}{\dots\dots} = \frac{1}{8}$

Ⓐ $\frac{1}{8}$ Ⓑ $\frac{4}{8}$ Ⓒ $\frac{5}{8}$ Ⓓ $\frac{6}{8}$

(15) $1 - \frac{1}{4} - \frac{1}{6} = \ldots\ldots\ldots$

Ⓐ $\frac{7}{12}$ Ⓑ $\frac{1}{12}$ Ⓒ $\frac{5}{6}$ Ⓓ $\frac{3}{4}$

(16) $1 + \frac{1}{2} + \frac{3}{4} = \ldots\ldots\ldots$

Ⓐ $\frac{5}{6}$ Ⓑ $2\frac{1}{4}$ Ⓒ $2\frac{9}{20}$ Ⓓ $2\frac{1}{2}$

(17) $4\frac{3}{7} + 1\frac{5}{7} = \ldots\ldots\ldots$

Ⓐ $6\frac{1}{7}$ Ⓑ $3\frac{3}{8}$ Ⓒ $3\frac{1}{4}$ Ⓓ $2\frac{3}{8}$

(18) $5\frac{5}{8} - 3\frac{2}{8} = \ldots\ldots\ldots$

Ⓐ $8\frac{7}{8}$ Ⓑ $3\frac{3}{8}$ Ⓒ $2\frac{1}{4}$ Ⓓ $2\frac{3}{8}$

(19) $5\frac{1}{2} + 3\frac{1}{5} = \ldots\ldots\ldots$

Ⓐ $8\frac{2}{7}$ Ⓑ $8\frac{7}{10}$ Ⓒ $8\frac{1}{2}$ Ⓓ $8\frac{2}{5}$

(20) $1\frac{4}{5} - 1\frac{1}{20} = \ldots\ldots\ldots$

Ⓐ $\frac{7}{20}$ Ⓑ $\frac{4}{3}$ Ⓒ $\frac{3}{4}$ Ⓓ $1\frac{1}{5}$

(21) $5\frac{2}{7} + k = 6\frac{5}{7}$ then $k = \ldots\ldots\ldots$

Ⓐ $11\frac{6}{7}$ Ⓑ $1\frac{3}{7}$ Ⓒ $4\frac{3}{7}$ Ⓓ $5\frac{1}{7}$

(22) $a + 5\frac{5}{6} = 9\frac{1}{12}$ then a = ...

Ⓐ $4\frac{4}{12}$ Ⓑ 4 Ⓒ $3\frac{1}{4}$ Ⓓ $4\frac{9}{12}$

(23) $K - 1\frac{1}{3} = 4\frac{2}{3}$ then k = ...

Ⓐ 6 Ⓑ 5 Ⓒ $3\frac{1}{5}$ Ⓓ $5\frac{3}{6}$

(24) $2\frac{25}{40}$ is equivalent to ....

Ⓐ $2\frac{8}{5}$ Ⓑ $2\frac{10}{40}$ Ⓒ $2\frac{5}{8}$ Ⓓ $1\frac{12}{20}$

(25) $\frac{19}{5}$ is equivalent to ....

Ⓐ $3\frac{3}{5}$ Ⓑ $4\frac{1}{5}$ Ⓒ $3\frac{2}{5}$ Ⓓ $3\frac{4}{5}$

(26) $3\frac{4}{7}$ can regrouped as ....

Ⓐ 3 Ⓑ 4 Ⓒ $2\frac{11}{7}$ Ⓓ $2\frac{4}{7}$

(27) $2\frac{1}{3}$ hours = ... minutes

Ⓐ 150 Ⓑ 120 Ⓒ 130 Ⓓ 140

(28) $\frac{3}{4}$ year = ... months

Ⓐ 3 Ⓑ 6 Ⓒ 9 Ⓓ 12

(29) $2\frac{1}{2}$ days = ... hours.

Ⓐ 24 Ⓑ 36 Ⓒ 48 Ⓓ 60

(30) $2\frac{1}{4} \times 4 = \dots\dots\dots$

Ⓐ $8\frac{1}{4}$ Ⓑ 9 Ⓒ $9\frac{1}{2}$ Ⓓ 10

(31) $\frac{3}{5} \times \frac{1}{2} = \dots\dots\dots$

Ⓐ $\frac{3}{2}$ Ⓑ $\frac{3}{5}$ Ⓒ $\frac{6}{5}$ Ⓓ $\frac{3}{10}$

(32) $2\frac{1}{3} \times \frac{3}{7} = \dots\dots\dots$

Ⓐ $\frac{4}{4}$ Ⓑ $\frac{3}{7}$ Ⓒ $2\frac{1}{7}$ Ⓓ $\frac{7}{3}$

(33) $2 \times 3\frac{1}{5} = \dots\dots\dots$

Ⓐ $3\frac{1}{5}$ Ⓑ $2\frac{1}{6}$ Ⓒ $1\frac{2}{5}$ Ⓓ $6\frac{2}{5}$

(34) $\frac{3}{7} \times 8 = \dots\dots\dots$

Ⓐ $\frac{8}{3} \times 7$ Ⓑ $\frac{6}{7} \times 4$ Ⓒ $\frac{5}{7} \times 6$ Ⓓ $\frac{24}{7} \times 7$

(35) $5\frac{1}{7} \times 3\frac{1}{4} = \frac{36}{7} \times \frac{\dots\dots}{4}$

Ⓐ 15 Ⓑ 8 Ⓒ 13 Ⓓ 1

(36) $4\frac{3}{7} \times 5 = (4 \times 5) + (\dots\dots\dots)$

Ⓐ $4\frac{3}{7}$ Ⓑ $\frac{12}{7}$ Ⓒ $\frac{3}{7} \times 5$ Ⓓ $\frac{7}{3} \times 5$

(37) $2\frac{5}{7} \times \frac{1}{5} = \left(2 \times \frac{1}{5}\right) + \left(\dots \times \frac{1}{5}\right)$

Ⓐ 2 Ⓑ $\frac{1}{5}$ Ⓒ $\frac{5}{7}$ Ⓓ $\frac{10}{7}$

(38) $\frac{3}{.....} \times \frac{4}{5} = \frac{12}{25}$

Ⓐ 3 Ⓑ 4 Ⓒ 5 Ⓓ 6

(39) $\frac{1}{3} \times \frac{6}{7}$ ☐ $\frac{4}{7} - \frac{1}{7}$

Ⓐ > Ⓑ < Ⓒ = Ⓓ ≠

(40) What the product of $\frac{4}{5}$ and $\frac{3}{4}$?

Ⓐ $\frac{3}{5}$ Ⓑ $\frac{2}{5}$ Ⓒ $\frac{1}{5}$ Ⓓ 0

(41) $\frac{4}{5} \times \ldots\ldots = 1$

Ⓐ $\frac{1}{5}$ Ⓑ $\frac{5}{4}$ Ⓒ $\frac{3}{5}$ Ⓓ $\frac{4}{5}$

(42) $1\frac{5}{6} \times \ldots\ldots = 1$

Ⓐ 5 Ⓑ $\frac{5}{4}$ Ⓒ $\frac{5}{6}$ Ⓓ $\frac{6}{11}$

(43) $4\frac{1}{2} \times 2\frac{2}{3} = \ldots\ldots\ldots$

Ⓐ 12 Ⓑ $8\frac{1}{3}$ Ⓒ $5\frac{2}{3}$ Ⓓ $\frac{17}{6}$

(44) $1\frac{3}{5} \times \frac{2}{3} = \frac{\ldots\ldots}{5} \times \frac{2}{3}$

Ⓐ 6 Ⓑ 7 Ⓒ 8 Ⓓ 9

(45) $15 \div 4 = \ldots\ldots\ldots$

Ⓐ $3\frac{1}{4}$ Ⓑ $2\frac{2}{4}$ Ⓒ $3\frac{3}{4}$ Ⓓ 1

(46) $7 \div 3 = \dots\dots\dots$

Ⓐ $2\frac{1}{3}$ Ⓑ $2\frac{2}{3}$ Ⓒ $3\frac{1}{3}$ Ⓓ 5

(47) $6\frac{1}{2} = \cdots \div 2$

Ⓐ 11 Ⓑ 12 Ⓒ 13 Ⓓ 14

(48) $12 \div 8 = 1\frac{1}{\dots\dots}$

Ⓐ 2 Ⓑ 3 Ⓒ 4 Ⓓ 5

(49) $14 \div 5 = \cdots + 2$

Ⓐ $\frac{2}{5}$ Ⓑ $\frac{3}{5}$ Ⓒ $\frac{4}{5}$ Ⓓ $\frac{1}{5}$

(50) $3 \div \frac{1}{5}$ ☐ 8

Ⓐ $>$ Ⓑ $<$ Ⓒ $=$ Ⓓ $\neq$

(51) $4 \div \frac{1}{5} = \dots\dots\dots$

Ⓐ $\frac{4}{5}$ Ⓑ $\frac{1}{20}$ Ⓒ 20 Ⓓ $\frac{5}{4}$

(52) $5 \div \frac{1}{2} = \dots\dots\dots$

Ⓐ 10 Ⓑ $\frac{1}{20}$ Ⓒ 10 Ⓓ 25

(53) $\frac{1}{2} \div 6 = \dots\dots\dots$

Ⓐ $\frac{1}{6}$ Ⓑ $\frac{1}{2}$ Ⓒ $\frac{1}{12}$ Ⓓ $\frac{1}{5}$

(54) If $\frac{1}{2} \div m = \frac{1}{16}$, then m = ⋯

Ⓐ 8 Ⓑ $\frac{1}{8}$ Ⓒ 14 Ⓓ $\frac{1}{14}$

(55) If $\frac{1}{5} \div y = \frac{1}{20}$, then y = ⋯

Ⓐ 3 Ⓑ $\frac{1}{3}$ Ⓒ 4 Ⓓ $\frac{1}{4}$

(56) $7 \div a = 35$, then a = ⋯

Ⓐ 5 Ⓑ $\frac{1}{5}$ Ⓒ 28 Ⓓ $\frac{1}{7}$

(57) $8 \div z = 24$, then z = ⋯

Ⓐ 3 Ⓑ $\frac{1}{3}$ Ⓒ 32 Ⓓ $1\frac{1}{3}$

(58) $\frac{1}{7} \times d = \frac{1}{21}$, then d = ⋯

Ⓐ $\frac{1}{7}$ Ⓑ $\frac{1}{21}$ Ⓒ $\frac{1}{3}$ Ⓓ $\frac{1}{4}$

(59) $\frac{1}{3} \times a = \frac{1}{15}$, then a = ⋯

Ⓐ $\frac{1}{3}$ Ⓑ $\frac{1}{2}$ Ⓒ $\frac{1}{5}$ Ⓓ $\frac{1}{4}$

(60) $6 \times e = 18$, then a = ⋯

Ⓐ 1 Ⓑ 2 Ⓒ 3 Ⓓ 4

(61) How many fourths are there in 5?

Ⓐ 10 Ⓑ 15 Ⓒ 20 Ⓓ 25

(62) The number of thirds in one?

Ⓐ 1 Ⓑ 2 Ⓒ 3 Ⓓ 4

(63) If the side lengths of a triangle are different, then the triangle is called ……… triangle.

Ⓐ equilateral Ⓑ isosceles Ⓒ scalene

(64) If the side lengths of a triangle are equals, then the triangle is called ……… triangle.

Ⓐ equilateral Ⓑ isosceles Ⓒ scalene

(65) The triangle whose side lengths are 4 cm, 4 cm and 4 cm called ……… triangle.

Ⓐ equilateral Ⓑ isosceles Ⓒ scalene

(66) The triangle whose side lengths are 7 cm, 4 cm and 7 cm called ……… triangle.

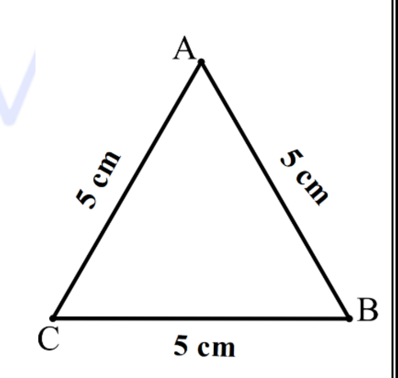
Ⓐ equilateral Ⓑ isosceles Ⓒ scalene

(67) The triangle whose side lengths are 3cm, 4cm and 5cm called ……… triangle.

Ⓐ equilateral Ⓑ isosceles Ⓒ scalene

(68) The opposite triangle is ………

Ⓐ equilateral Ⓑ isosceles Ⓒ scalene



(69) The triangle whose side lengths are 4 cm, 3 cm and ……… cm is called scalene triangle.

Ⓐ 4 Ⓑ 3 Ⓒ 7

(70) The triangle whose side lengths are ……… is equilateral triangle.

Ⓐ 7cm , 5cm, 7cm

Ⓑ 5cm , 5cm, 5cm

Ⓒ 5cm , 6cm, 7cm

Ⓓ 3cm , 4cm, 4cm

(71) $50°$, $70°$ and $60°$ are the measures of the angles of ……… triangle.

Ⓐ an obtuse – angled Ⓑ a right – angled Ⓒ an acute – angled

(72) $30°$, $60°$ and $90°$ are the measures of the angles of ……… triangle.

Ⓐ an obtuse – angled Ⓑ a right – angled Ⓒ an acute – angled

(73) $40°$, $20°$ and $120°$ are the measures of the angles of ……. triangle.

Ⓐ an obtuse – angled Ⓑ a right – angled Ⓒ an acute – angled

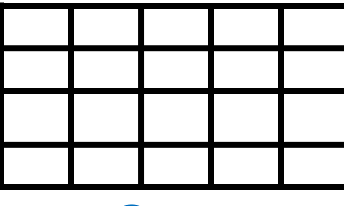
(74) The triangle whose measures of angles are $40°$, $50°$ and ……… is right-angled triangle.

Ⓐ $50°$ Ⓑ $40°$ Ⓒ $90°$ Ⓓ $180°$

(75) Area of rectangle = ………

Ⓐ $l + w$ Ⓑ $l \times w$ Ⓒ $\frac{l}{w}$ Ⓓ $(l + w) \times 2$

(76) The area of the opposite rectangle = ……… Square units.



Ⓐ 15 Ⓑ 18 Ⓒ 20 Ⓓ 24

(77) The area of rectangle of dimensions $3\frac{1}{5}$ cm and $2\frac{1}{2}$ cm is ………

Ⓐ 8 m^2 Ⓑ 8 cm^2 Ⓒ 8 km^2 Ⓓ 8 cm

(78) The area of rectangle of length $\frac{2}{3}$ cm and width $\frac{1}{4}$ cm is …… cm^2.

Ⓐ $\frac{11}{12}$ Ⓑ $\frac{1}{6}$ Ⓒ $\frac{5}{12}$ Ⓓ $\frac{3}{8}$

(79) Area of opposite rectangle = ……… cm^2.

$3\frac{3}{4}cm$



$1\frac{2}{5}cm$

Ⓐ $5\frac{3}{4}$ Ⓑ $5\frac{1}{4}$

Ⓒ $4\frac{13}{20}$ Ⓓ $3\frac{2}{5}$

(80) The point $(0, 3)$ lies on ………

Ⓐ x – axis Ⓑ y – axis Ⓒ origin point

(81) The point $(5, 0)$ lies on ………

Ⓐ x – axis Ⓑ y – axis Ⓒ origin point

(82) Which of the following points located on x-axis?

Ⓐ $(3, 0)$ Ⓑ $(0, 5)$ Ⓒ $(3, 7)$ Ⓓ $(10, 2)$

(83) Which of the following points located on y-axis?

Ⓐ $(3, 0)$ Ⓑ $(0, 5)$ Ⓒ $(3, 7)$ Ⓓ $(10, 2)$

(84) The origin point is ………

Ⓐ (1, 0) Ⓑ (0, 1) Ⓒ (0, 0) Ⓓ (1, 1)

(85) The x-coordinate of the origin point is ………

Ⓐ 0 Ⓑ 1 Ⓒ 2 Ⓓ 3

(86) The y-coordinate of the origin point is ………

Ⓐ 0 Ⓑ 1 Ⓒ 2 Ⓓ 3

(87) The y-coordinate in the ordered pair (2, 5) is ………

Ⓐ 5 Ⓑ 1 Ⓒ 2 Ⓓ 3

(88) has ………

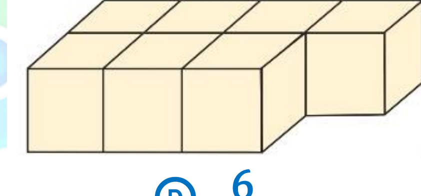
Ⓐ 4 Ⓑ 8 Ⓒ 10 Ⓓ 2

(89) Volume of is ……… cube units.

Ⓐ 8 Ⓑ 12 Ⓒ 24 Ⓓ 10

(90) The volume of the opposite figure

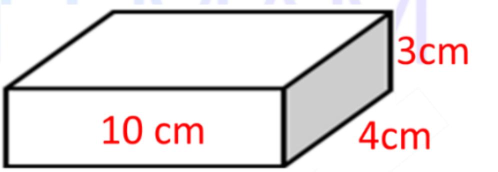
= ……… Cubic units



Ⓐ 4 Ⓑ 5 Ⓒ 7 Ⓓ 6

(91) The volume of the opposite

solid = ……… cm^3



Ⓐ 17 Ⓑ 170 Ⓒ 120 Ⓓ 140

(92) A cuboid has 3 horizontal layers and 6 cube units in each layer, then its volume = ……… cube units.

Ⓐ 9 Ⓑ 18 Ⓒ 24 Ⓓ 12

(93) A cuboid has 2 vertical slices each slice has 4 cm^2, then its volume = ……… cm^3

Ⓐ 6 Ⓑ 4 Ⓒ 12 Ⓓ 8

(94) A box is filled by 4 horizontal layers, each layer contains 8 cube units, then its capacity = ……… cube unit.

Ⓐ 4 Ⓑ 12 Ⓒ 32 Ⓓ 24

(95) Volume of cuboid = 60 cm^3 and base area = 20 cm^2, then its height = ……… cm

Ⓐ 1200 Ⓑ 80 Ⓒ 3 Ⓓ 40

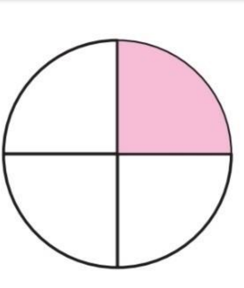
(96) The measure of the central angle of the circular sector that represents $\frac{1}{12}$ the circle is ……… °

Ⓐ 30° Ⓑ 60° Ⓒ 90° Ⓓ 120°

(97) The measure of the central angle of the circular sector that represents $\frac{1}{4}$ the circle is ……… °

Ⓐ 30 Ⓑ 45 Ⓒ 60 Ⓓ 90

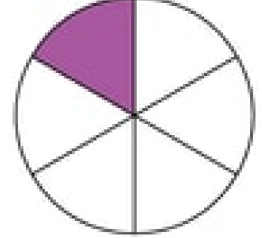
(98) The circular degrees that match.



the fraction of the circle that is shaded = ……… °

Ⓐ 60 Ⓑ 90 Ⓒ 120 Ⓓ 180

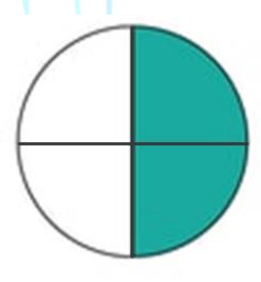
(99) The circular degrees that match.



the fraction of the circle that is shaded = ……… °

Ⓐ 30 Ⓑ 45 Ⓒ 60 Ⓓ 90

(100) The circular degrees that match



the fraction of the circle that is shaded = ……… °

Ⓐ 90 Ⓑ 120 Ⓒ 180 Ⓓ 270

2) Complete:

(1) The LCM of denominators of $\frac{3}{4}$ and $\frac{3}{5}$ is ....

(2) The LCM of denominators of $\frac{2}{20}$ and $\frac{1}{5}$ is ....

(3) Simplest form of $\frac{15}{27}$ is ....

(4) Simplest form of $\frac{6}{12}$ is ....

(5) The simplest form of $\frac{24}{18}$ is $\frac{a}{3}$, then a = ...

(6) $\frac{1}{\dots\dots} = \frac{2}{6}$

(7) $\frac{8}{32} = \frac{4}{\dots\dots}$

(8) $\frac{7}{12} - \frac{3}{12}$ = ...

(9) $7\frac{2}{7} + 1\frac{3}{7}$ = ...

(10) $\frac{1}{2} + \frac{2}{5}$ = ...

(11) $5\frac{1}{2} - \frac{3}{4}$ = ...

(12) $\frac{1}{6} + \frac{5}{8}$ = ...

(13) If $X + 2\frac{1}{8} = 5\frac{3}{8}$, then X = ...

(14) $9\frac{1}{4} - \dots\dots\dots = 3\frac{3}{4}$

(15) $\frac{1}{5}$ minute = ……… seconds.

(16) $2\frac{1}{4}$ years = ……… months.

(17) $7\frac{1}{10}$ minutes = ……… minutes and ……… Seconds.

(18) $6\frac{1}{2}$ years = ……… years and ……… months.

(19) $4 \times \dots\dots\dots = (6 \times 4) + \left(\frac{2}{3} \times 4\right)$

(20) $2\frac{1}{3} \times 6 = (2 \times 6) + (\dots \times 6)$

(21) $3\frac{2}{3} \times \frac{1}{4} = (\dots . \times 3) + \left(\dots . \times \frac{1}{4}\right)$

(22) $\frac{3}{5} \times \frac{1}{2} = \dots\dots\dots$

(23) $\frac{2}{9} \times \frac{1}{2} = \dots\dots\dots$

(24) $1\frac{1}{8} \times 2 = \dots\dots\dots$

(25) $2\frac{2}{5} \times \frac{1}{3} = \dots\dots\dots$

(26) $3\frac{1}{5} = \frac{\dots\dots}{5}$

(27) $\frac{2}{5} \times \frac{\dots\dots}{\dots\dots} = 1$

(28) $4\frac{1}{2} \times \frac{\ldots\ldots}{\ldots\ldots} = 1$

(29) $7 \div 2 =$ ………

(30) $\frac{1}{4} \div 3 =$ ………

(31) $4 \div \frac{1}{2} =$ ………

(32) $\frac{1}{3} \div a = \frac{1}{6}$, a = ………

(33) $\frac{1}{4} \div c = \frac{1}{24}$, c = ………

(34) $2 \times d = 8$, d = ………

(35) $5 \times e = 25$, e = ………

(36) $\frac{1}{5} \times f = \frac{1}{15}$, f = ………

(37) $\frac{1}{8} \times g = \frac{1}{24}$, g = ………

(38) The shape •————• is called ………

(39) The shape •————→ is called ………

(40) The shape ←————→ is called ………

(41) The triangle has ……… sides and ……… angles.

(42) The measure of a right angle is …………… $90°$

(43) The measure of an obtuse angle is …………… $90°$

(44) The measure of an acute angle is ……………. 90°

(45) The angle of measure more than 90° is ……………. angle

(46) The angle of measure less than 90° is ……….……. angle.

(47) Any triangle has at least ……………………. Acute angles.

(48) 20° , 70° and 90° are the measures of the angles of ………… triangle.

(49) 40° , 60° and 80° are the measures of the angles of ………… triangle.

(50) 30° , 30° and 120° are the measures of the angles of ……..…. triangle.

(51) ………………….. Triangle has 3 acute angles.

(52) ………………….. Triangle has 3 equal sides.

(53) ………………….. Triangle has 3 different sides.

(54) The equilateral triangle is 3 a triangle whose sides are ………………

(55) The triangle with equal sides is called ………… triangle.

(56) The triangle ABC is an equilateral triangle where AB = 5 cm,

then AC = ……… cm and BC = ……… cm

(57) In the equilateral triangle LMN, LM = MN = 5cm, then LN =……. Cm

(58) The triangle of sides 7cm, 5cm, 8cm is called ……………… triangle.

(59) The triangle of sides 5cm, 5cm, 4cm is called ……………… triangle.

(60) The triangle of sides 4cm, 4cm, 4cm is called ……………… triangle.

(61) In ΔABC , AB = 5cm, BC = 7cm and AC = 3cm, then the triangle is………

(62) In ΔABC , AB = BC = 7cm and AC = 4cm, then the triangle is ………

(63) Area of rectangle = ……… × ………

(64) Area of rectangle = ……… × width

(65) Area of rectangle of dimensions $\frac{1}{3}$ units and $\frac{1}{4}$ units is ………

(66) The area of rectangle of dimensions $2\frac{1}{2}$ m and $\frac{1}{5}$ m is ………

(67) In the ordered pair (5,7) the x-coordinate is ………

(68) In the ordered pair (1,2) the y-coordinate is ………

(69) The x-coordinate of (2,5) is ………

(70) The y-coordinate of (2,5) is ………

(71) The origin point is (… , …)

(72) The x-coordinate of the origin point is ………

(73) The y-coordinate of the origin point is ………

(74) ………… is vertical axes in the coordinate plane.

(75) ………… is horizontal axes in the coordinate plane.

(76) The point (0,7) lies on ……… -axis.

(77) The point (3,0) lies on ……… -axis.

(78) Volume of cuboid = …………× ………… × …………

(79) Volume of cuboid = ………… × height.

(80) …………….. = base area × height.

(81) volume ÷ base area = …………

(82) volume ÷ height = …………

(83) Height of cuboid = ………… ÷ …………

(84) The volume of cuboid of dimensions 2m,5m and 6m is ……… m^3

(85) A rectangular prism of length 7cm, width 5 cm and height 2cm, then its volume = ……… Cm^3

(86) A cuboid whose base area 15 cm^2 and height 10 cm, then its volume = ……… Cm^3

(87) Length: ……… cm

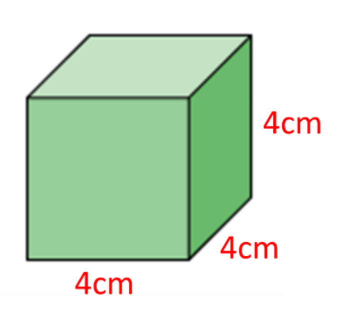
width: ……… cm

height: ……… cm

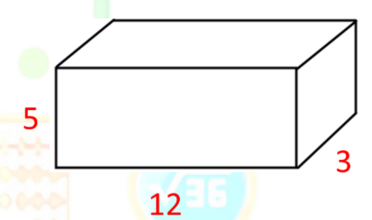
volume: ……… cm^3



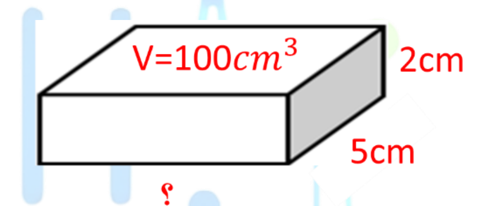
(88) Volume = ……… m^3



(89) The volume of the opposite figure = ……… cm^3



(90) The missing dimension in the opposite cuboid is ……… cm



(91) A cuboid whose volume 300 cm^3 and base area 30 cm^2, then its height = ……… cm

(92) A cuboid whose volume 36 cm^3, length 4 cm and width 3 cm, then its height = ……… cm

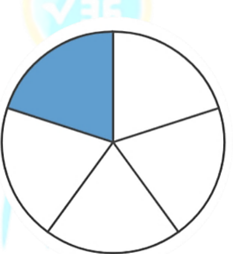
(93) A cuboid whose volume 24 cm^3 and its height 3 cm, then its base area = ……… cm^2

(94) A cuboid whose volume 40 cm^3 and its height 4 cm, its width 2 cm, then its length = ……… cm

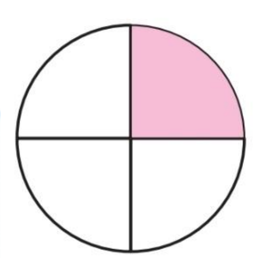
(95) A cuboid has 2 horizontal layers and 5 cube units in each layer, then its volume = ……… cube units.

(96) A cuboid has 4 vertical slices each slice has 6 cm^2, then its volume = ……… cm^3

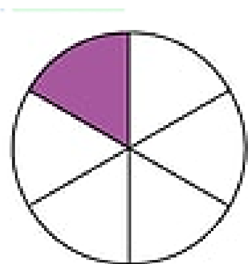
(97) The fraction which represents the shaded part is ………



(98) The circular degrees that match the fraction of the circle that is shaded = ……… °



(99) The circular degrees that match the fraction of the circle that is shaded = ……… °



(100) The measure of the central angle which represents $\frac{1}{4}$ of the circle is ………

Answer the following questions:

(1) $2\frac{2}{5} \times \frac{2}{3} = \cdots$ **using distributive property**

…………………………………………………………………………………………

…………………………………………………………………………………………

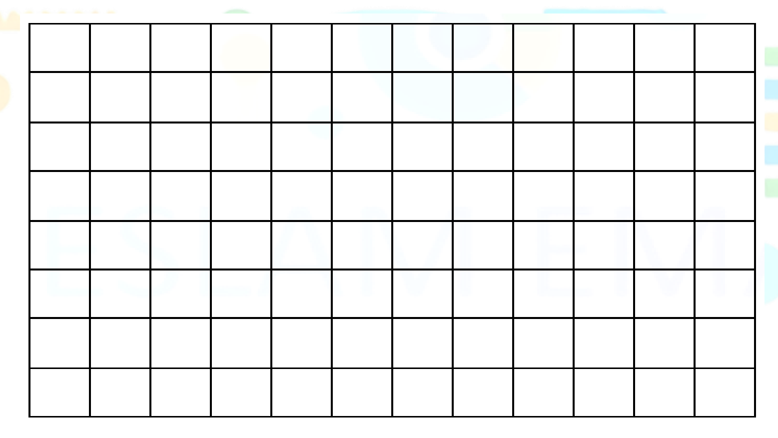


(2) $2\frac{1}{4} \times 2\frac{2}{3} = \cdots$ **using improper fraction**

…………………………………………………………………………………………

…………………………………………………………………………………………

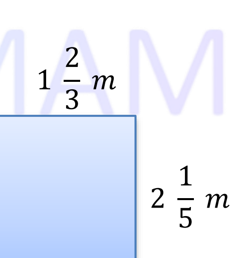
(3) **Draw a rectangle with a length of 10 units and width 3 units, then find its area.**



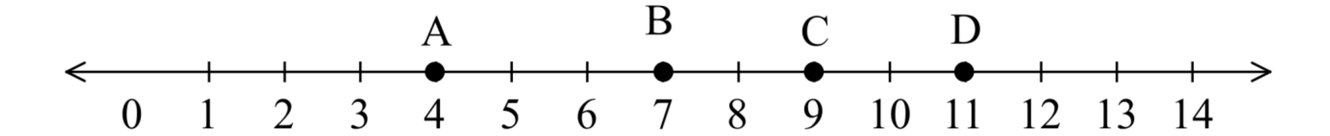
(4) **What is the area of the rectangle shown?**

…………………………………………………………………………

…………………………………………………………………………



(5) Use the number line to answer the questions



a) What is the value of A?

b) What is the value of B?

c) What is the value of C?

d) What is the value of D?

e) What is the distance between A and C?

f) What is the distance between B and C?

g) What is the distance between A and D?

(6) In the following grid, observe and answer.

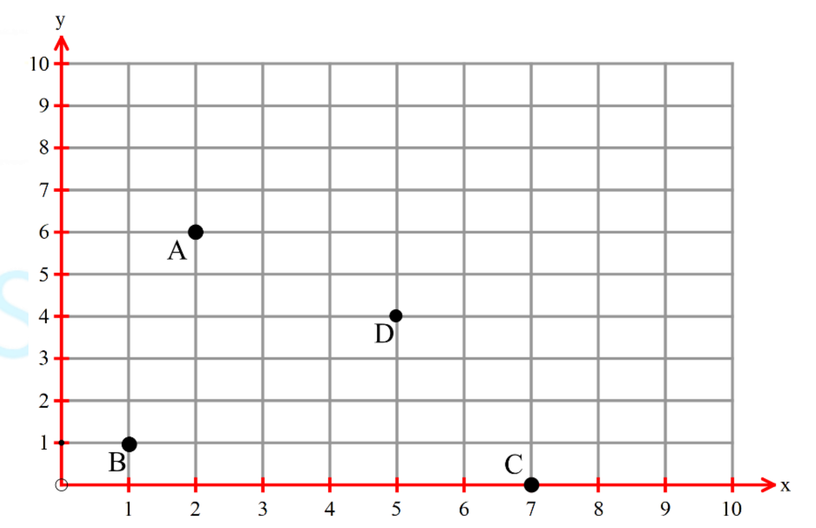
Write the order pair of each of the following points:

① A (... , ...)

② B (... , ...)

③ C (... , ...)

④ D (... , ...)



(7) In the opposite coordinate plane:

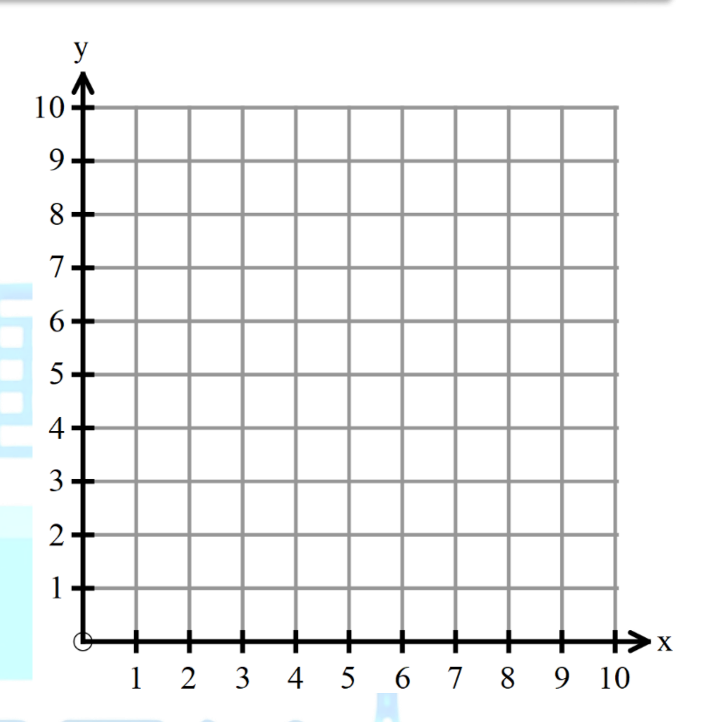
a. Graph the figure ABCD were.

A (3,5), B (7,5), C (3,10) and D (7,10)

b. what is the name of the figure ABCD

c. what is the length of $\overline{AB}$?

d. what is the length of $\overline{AC}$?



(8) Ola is selling bags of cookies in her neighborhood to make extra money to buy a new bike. She earns 5 L.E for each bag of cookies she sells. complete the table and then graph the points on the coordinate grid.

Bagas of cookies	Money Earned L.E.
2	……………
4	……………
6	……………
8	……………
10	……………



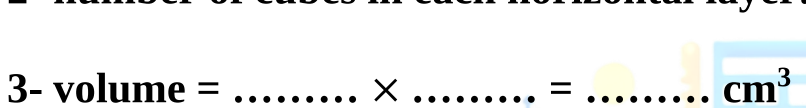
(9) **In the opposite solid.**



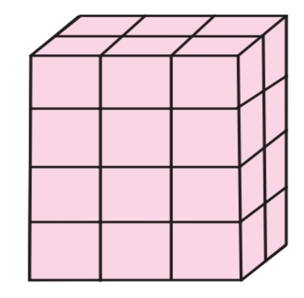
1- number of horizontal layers: ....



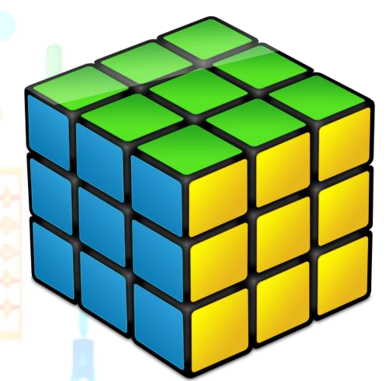
2- number of cubes in each horizontal layer: ....



3- volume = ... × .... = ... cm^3



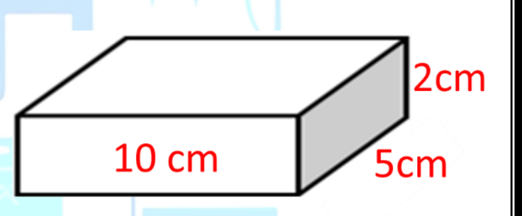
(10) **Find the volume of the opposite solid.**



....

....

(11) **Find the volume of the opposite figure.**



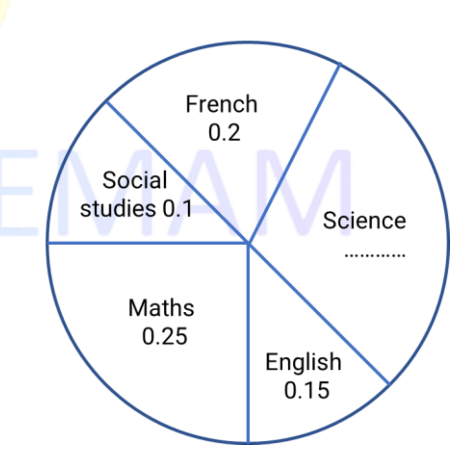
....

....

(12) **The opposite figure shows the percentages of sales of different types of the book. Complete:**

1- the sales fraction of science books is ....

2- the least sales fraction is in ....



(13) **The opposite figure represents the different activities which sally does during day.**

Study the figure, then answer the following questions:

a- find the decimal of the time that sally spends at school.

b- find the decimal of the time that sally spends in sleeping.

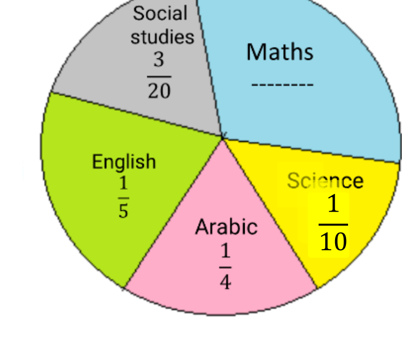
c- find the decimal of the time that sally spends in other things.

d- complete:

sally spends the same decimal of the time in………… and …………

Sleeping 0.3
School 0.2
Studying 0.1
Playing 0.1
Other things ………

(14) **The following figure represents the fractions of the favorite subjects of 200 pupils in a school.**



Answer the following questions:

a- what is the decimal of the pupils who prefer science?

b- what is the decimal of the pupils who prefer English?

c- what is the fraction of the pupils who prefer mathematics?

d- find the measure of the central angle of maths in degrees.

e- how many pupils prefer studying English?

(15) Sara spends $\frac{1}{2}$ of her money to buy candy and $\frac{1}{3}$ of it to buy toys. What fraction of her money is left?

....

....

....

(16) Soha likes chocolate. One day she bought a chocolate and ate $\frac{5}{9}$ of it in the morning and $\frac{1}{3}$ in the evining. How much part of the chocolate has she eaten?

....

....

....

(17) Omnia purchases $\frac{8}{9}$ kg of fava beans. She uses $\frac{3}{4}$ kg of the fava beans to make falafel. How many kilograms of fava beans are left?

....

....

....

(18) Ahmed ate $\frac{1}{3}$ of the cake and Hazem $\frac{3}{8}$ How much of the cake has been eaten and how much is left?

....

....

....

(19) Mustafa is harvesting sugarcane. He can harvest $3\frac{3}{4}$ kilograms of sugarcane in 1 hour.

If he plans to work for $2\frac{1}{2}$ hours, How much sugarcane will he harvest?

....

....

....

(20) A juice can is in the shape of cuboid, its base is square- shaped of side length 5 cm.

and its height is 10 cm. calculate the volume of the juice can.

....

....

....

(21) A cuboid whose volume 8000 cm^3 and the length of its base is 25 cm and the width of its base is 16 cm. find the height of the cuboid.

....

....

....

Choose the correct answer:

(01) The smallest like denominator of $\frac{2}{3}$ and $\frac{4}{5}$ is ....

Ⓐ 10   Ⓑ 15   Ⓒ 20   Ⓓ 25

(02) the LCM of denominator of $\frac{1}{2}$ and $\frac{3}{10}$ is ....

Ⓐ 1   Ⓑ 2   Ⓒ 3   Ⓓ 10

(03) $\frac{3}{5} + \frac{2}{5} = ...$

Ⓐ $\frac{3}{5}$ Ⓑ $\frac{2}{5}$ Ⓒ 1   Ⓓ 2

(04) The simplest form of $\frac{12}{18}$ is ....

Ⓐ $\frac{2}{8}$ Ⓑ $\frac{2}{3}$ Ⓒ $\frac{18}{12}$ Ⓓ 1

(05) The simplest form of $4\frac{2}{10}$ is ....

Ⓐ $4\frac{3}{4}$ Ⓑ $4\frac{1}{5}$ Ⓒ $\frac{42}{10}$ Ⓓ $2\frac{3}{4}$

(06) $\frac{16}{24} = \frac{.....}{3}$

Ⓐ 2   Ⓑ 3   Ⓒ 4   Ⓓ 8

(07) $\frac{1}{.....} = \frac{2}{8}$

Ⓐ 2   Ⓑ 3   Ⓒ 4   Ⓓ 8

(08) $\frac{2}{5} + \frac{3}{10} = \dots\dots\dots$

Ⓐ $\frac{5}{15}$ Ⓑ $\frac{7}{10}$ Ⓒ $\frac{5}{10}$ Ⓓ $\frac{1}{2}$

(09) $\frac{3}{4} + \frac{1}{2} = \dots\dots\dots$

Ⓐ $\frac{4}{6}$ Ⓑ $\frac{3}{8}$ Ⓒ $\frac{1}{4}$ Ⓓ $1\frac{1}{4}$

(10) $\frac{3}{4} - \frac{5}{8} = \dots\dots\dots$

Ⓐ $\frac{1}{4}$ Ⓑ $\frac{1}{8}$ Ⓒ $\frac{3}{8}$ Ⓓ $\frac{5}{8}$

(11) $\frac{2}{7} + \frac{2}{5} = \dots\dots\dots$

Ⓐ $\frac{4}{35}$ Ⓑ $\frac{4}{13}$ Ⓒ $\frac{4}{12}$ Ⓓ $\frac{24}{35}$

(12) $\frac{4}{5} - \frac{3}{4} = \dots\dots\dots$

Ⓐ $\frac{7}{20}$ Ⓑ $\frac{15}{20}$ Ⓒ $\frac{1}{20}$ Ⓓ $\frac{3}{20}$

(13) $1 - \frac{\dots\dots}{\dots\dots} = \frac{5}{8}$

Ⓐ $\frac{5}{8}$ Ⓑ $\frac{3}{8}$ Ⓒ $\frac{6}{8}$ Ⓓ $\frac{1}{8}$

(14) $\frac{6}{8} - \frac{\dots\dots}{\dots\dots} = \frac{1}{8}$

Ⓐ $\frac{1}{8}$ Ⓑ $\frac{4}{8}$ Ⓒ $\frac{5}{8}$ Ⓓ $\frac{6}{8}$

(15) $1 - \frac{1}{4} - \frac{1}{6} =$ ....

Ⓐ $\frac{7}{12}$ Ⓑ $\frac{1}{12}$ Ⓒ $\frac{5}{6}$ Ⓓ $\frac{3}{4}$

(16) $1 + \frac{1}{2} + \frac{3}{4} =$ ....

Ⓐ $\frac{5}{6}$ Ⓑ $2\frac{1}{4}$ Ⓒ $2\frac{9}{20}$ Ⓓ $2\frac{1}{2}$

(17) $4\frac{3}{7} + 1\frac{5}{7} =$ ....

Ⓐ $6\frac{1}{7}$ Ⓑ $3\frac{3}{8}$ Ⓒ $3\frac{1}{4}$ Ⓓ $2\frac{3}{8}$

(18) $5\frac{5}{8} - 3\frac{2}{8} =$ ....

Ⓐ $8\frac{7}{8}$ Ⓑ $3\frac{3}{8}$ Ⓒ $2\frac{1}{4}$ Ⓓ $2\frac{3}{8}$

(19) $5\frac{1}{2} + 3\frac{1}{5} =$ ....

Ⓐ $8\frac{2}{7}$ Ⓑ $8\frac{7}{10}$ Ⓒ $8\frac{1}{2}$ Ⓓ $8\frac{2}{5}$

(20) $1\frac{4}{5} - 1\frac{1}{20} =$ ....

Ⓐ $\frac{7}{20}$ Ⓑ $\frac{4}{3}$ Ⓒ $\frac{3}{4}$ Ⓓ $1\frac{1}{5}$

(21) $5\frac{2}{7} + k = 6\frac{5}{7}$ then k = ...

Ⓐ $11\frac{6}{7}$ Ⓑ $1\frac{3}{7}$ Ⓒ $4\frac{3}{7}$ Ⓓ $5\frac{1}{7}$

(22) $a + 5\frac{5}{6} = 9\frac{1}{12}$ then a = ...

Ⓐ $4\frac{4}{12}$ Ⓑ 4 Ⓒ $3\frac{1}{4}$ Ⓓ $4\frac{9}{12}$

(23) $K - 1\frac{1}{3} = 4\frac{2}{3}$ then k = ...

Ⓐ 6 Ⓑ 5 Ⓒ $3\frac{1}{5}$ Ⓓ $5\frac{3}{6}$

(24) $2\frac{25}{40}$ is equivalent to ....

Ⓐ $2\frac{8}{5}$ Ⓑ $2\frac{10}{40}$ Ⓒ $2\frac{5}{8}$ Ⓓ $1\frac{12}{20}$

(25) $\frac{19}{5}$ is equivalent to ....

Ⓐ $3\frac{3}{5}$ Ⓑ $4\frac{1}{5}$ Ⓒ $3\frac{2}{5}$ Ⓓ $3\frac{4}{5}$

(26) $3\frac{4}{7}$ can regrouped as ....

Ⓐ 3 Ⓑ 4 Ⓒ $2\frac{11}{7}$ Ⓓ $2\frac{4}{7}$

(27) $2\frac{1}{3}$ hours = ... minutes

Ⓐ 150 Ⓑ 120 Ⓒ 130 Ⓓ 140

(28) $\frac{3}{4}$ year = ... months

Ⓐ 3 Ⓑ 6 Ⓒ 9 Ⓓ 12

(29) $2\frac{1}{2}$ days = ... hours.

Ⓐ 24 Ⓑ 36 Ⓒ 48 Ⓓ 60

(30) $2\frac{1}{4} \times 4 = \dots\dots\dots$

Ⓐ $8\frac{1}{4}$ Ⓑ 9 Ⓒ $9\frac{1}{2}$ Ⓓ 10

(31) $\frac{3}{5} \times \frac{1}{2} = \dots\dots\dots$

Ⓐ $\frac{3}{2}$ Ⓑ $\frac{3}{5}$ Ⓒ $\frac{6}{5}$ Ⓓ $\frac{3}{10}$

(32) $2\frac{1}{3} \times \frac{3}{7} = \dots\dots\dots$

Ⓐ $\frac{4}{4}$ Ⓑ $\frac{3}{7}$ Ⓒ $2\frac{1}{7}$ Ⓓ $\frac{7}{3}$

(33) $2 \times 3\frac{1}{5} = \dots\dots\dots$

Ⓐ $3\frac{1}{5}$ Ⓑ $2\frac{1}{6}$ Ⓒ $1\frac{2}{5}$ Ⓓ $6\frac{2}{5}$

(34) $\frac{3}{7} \times 8 = \dots\dots\dots$

Ⓐ $\frac{8}{3} \times 7$ Ⓑ $\frac{6}{7} \times 4$ Ⓒ $\frac{5}{7} \times 6$ Ⓓ $\frac{24}{7} \times 7$

(35) $5\frac{1}{7} \times 3\frac{1}{4} = \frac{36}{7} \times \frac{\dots\dots}{4}$

Ⓐ 15 Ⓑ 8 Ⓒ 13 Ⓓ 1

(36) $4\frac{3}{7} \times 5 = (4 \times 5) + (\dots\dots\dots)$

Ⓐ $4\frac{3}{7}$ Ⓑ $\frac{12}{7}$ Ⓒ $\frac{3}{7} \times 5$ Ⓓ $\frac{7}{3} \times 5$

(37) $2\frac{5}{7} \times \frac{1}{5} = \left(2 \times \frac{1}{5}\right) + \left(\dots. \times \frac{1}{5}\right)$

Ⓐ 2 Ⓑ $\frac{1}{5}$ Ⓒ $\frac{5}{7}$ Ⓓ $\frac{10}{7}$

(38) $\frac{3}{.....} \times \frac{4}{5} = \frac{12}{25}$

Ⓐ 3 Ⓑ 4 **Ⓒ 5** Ⓓ 6

(39) $\frac{1}{3} \times \frac{6}{7}$ ☐ $\frac{4}{7} - \frac{1}{7}$

Ⓐ $>$ **Ⓑ $<$** Ⓒ $=$ Ⓓ $\neq$

(40) What the product of $\frac{4}{5}$ and $\frac{3}{4}$?

Ⓐ $\frac{3}{5}$ Ⓑ $\frac{2}{5}$ Ⓒ $\frac{1}{5}$ Ⓓ 0

(41) $\frac{4}{5} \times \ldots\ldots = 1$

Ⓐ $\frac{1}{5}$ **Ⓑ $\frac{5}{4}$** Ⓒ $\frac{3}{5}$ Ⓓ $\frac{4}{5}$

(42) $1\frac{5}{6} \times \ldots\ldots = 1$

Ⓐ 5 Ⓑ $\frac{5}{4}$ Ⓒ $\frac{5}{6}$ **Ⓓ $\frac{6}{11}$**

(43) $4\frac{1}{2} \times 2\frac{2}{3} = \ldots\ldots\ldots$

Ⓐ 12 Ⓑ $8\frac{1}{3}$ Ⓒ $5\frac{2}{3}$ Ⓓ $\frac{17}{6}$

(44) $1\frac{3}{5} \times \frac{2}{3} = \frac{\ldots\ldots}{5} \times \frac{2}{3}$

Ⓐ 6 Ⓑ 7 **Ⓒ 8** Ⓓ 9

(45) $15 \div 4 = \ldots\ldots\ldots$

Ⓐ $3\frac{1}{4}$ Ⓑ $2\frac{2}{4}$ **Ⓒ $3\frac{3}{4}$** Ⓓ 1

(46) $7 \div 3 = \dots\dots\dots$

Ⓐ $2\frac{1}{3}$ Ⓑ $2\frac{2}{3}$ Ⓒ $3\frac{1}{3}$ Ⓓ 5

(47) $6\frac{1}{2} = \cdots \div 2$

Ⓐ 11 Ⓑ 12 Ⓒ 13 Ⓓ 14

(48) $12 \div 8 = 1\frac{1}{\dots\dots}$

Ⓐ 2 Ⓑ 3 Ⓒ 4 Ⓓ 5

(49) $14 \div 5 = \cdots + 2$

Ⓐ $\frac{2}{5}$ Ⓑ $\frac{3}{5}$ Ⓒ $\frac{4}{5}$ Ⓓ $\frac{1}{5}$

(50) $3 \div \frac{1}{5}$ ☐ 8

Ⓐ $>$ Ⓑ $<$ Ⓒ $=$ Ⓓ $\neq$

(51) $4 \div \frac{1}{5} = \dots\dots\dots$

Ⓐ $\frac{4}{5}$ Ⓑ $\frac{1}{20}$ Ⓒ 20 Ⓓ $\frac{5}{4}$

(52) $5 \div \frac{1}{2} = \dots\dots\dots$

Ⓐ 10 Ⓑ $\frac{1}{20}$ Ⓒ 10 Ⓓ 25

(53) $\frac{1}{2} \div 6 = \dots\dots\dots$

Ⓐ $\frac{1}{6}$ Ⓑ $\frac{1}{2}$ Ⓒ $\frac{1}{12}$ Ⓓ $\frac{1}{5}$

(54) If $\frac{1}{2} \div m = \frac{1}{16}$, then $m = \cdots$

Ⓐ 8 Ⓑ $\frac{1}{8}$ Ⓒ 14 Ⓓ $\frac{1}{14}$

(55) If $\frac{1}{5} \div y = \frac{1}{20}$, then $y = \cdots$

Ⓐ 3 Ⓑ $\frac{1}{3}$ Ⓒ 4 Ⓓ $\frac{1}{4}$

(56) $7 \div a = 35$, then $a = \cdots$

Ⓐ 5 Ⓑ $\frac{1}{5}$ Ⓒ 28 Ⓓ $\frac{1}{7}$

(57) $8 \div z = 24$, then $z = \cdots$

Ⓐ 3 Ⓑ $\frac{1}{3}$ Ⓒ 32 Ⓓ $1\frac{1}{3}$

(58) $\frac{1}{7} \times d = \frac{1}{21}$, then $d = \cdots$

Ⓐ $\frac{1}{7}$ Ⓑ $\frac{1}{21}$ Ⓒ $\frac{1}{3}$ Ⓓ $\frac{1}{4}$

(59) $\frac{1}{3} \times a = \frac{1}{15}$, then $a = \cdots$

Ⓐ $\frac{1}{3}$ Ⓑ $\frac{1}{2}$ Ⓒ $\frac{1}{5}$ Ⓓ $\frac{1}{4}$

(60) $6 \times e = 18$, then $a = \cdots$

Ⓐ 1 Ⓑ 2 Ⓒ 3 Ⓓ 4

(61) How many fourths are there in 5?

Ⓐ 10 Ⓑ 15 Ⓒ 20 Ⓓ 25

(62) The number of thirds in one?

Ⓐ 1 Ⓑ 2 Ⓒ 3 Ⓓ 4

(63) If the side lengths of a triangle are different, then the triangle is called ……… triangle.

Ⓐ equilateral Ⓑ isosceles Ⓒ **scalene**

(64) If the side lengths of a triangle are equals, then the triangle is called ……… triangle.

Ⓐ **equilateral** Ⓑ isosceles Ⓒ scalene

(65) The triangle whose side lengths are 4 cm, 4 cm and 4 cm called ……… triangle.

Ⓐ **equilateral** Ⓑ isosceles Ⓒ scalene

(66) The triangle whose side lengths are 7 cm, 4 cm and 7 cm called ……… triangle.

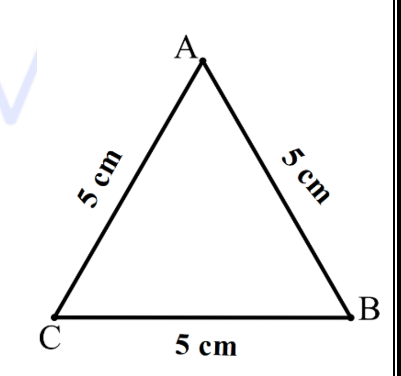
Ⓐ equilateral Ⓑ **isosceles** Ⓒ scalene

(67) The triangle whose side lengths are 3cm, 4cm and 5cm called ……… triangle.

Ⓐ equilateral Ⓑ isosceles Ⓒ **scalene**

(68) The opposite triangle is ………

Ⓐ **equilateral** Ⓑ isosceles Ⓒ scalene



(69) The triangle whose side lengths are 4 cm, 3 cm and ……… cm is called scalene triangle.

Ⓐ 4 Ⓑ 3 Ⓒ 7

(70) The triangle whose side lengths are ……… is equilateral triangle.

Ⓐ 7cm , 5cm, 7cm

Ⓑ 5cm , 5cm, 5cm

Ⓒ 5cm , 6cm, 7cm

Ⓓ 3cm , 4cm, 4cm

(71) 50° , 70° and 60° are the measures of the angles of ……… triangle.

Ⓐ an obtuse – angled Ⓑ a right – angled Ⓒ an acute – angled

(72) 30° , 60° and 90° are the measures of the angles of ……… triangle.

Ⓐ an obtuse – angled Ⓑ a right – angled Ⓒ an acute – angled

(73) 40°, 20° and 120° are the measures of the angles of ……. triangle.

Ⓐ an obtuse – angled Ⓑ a right – angled Ⓒ an acute – angled

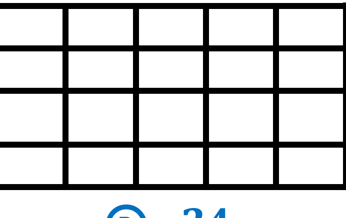
(74) The triangle whose measures of angles are 40°, 50° and ……… is right-angled triangle.

Ⓐ 50° Ⓑ 40° Ⓒ 90° Ⓓ 180°

(75) Area of rectangle = ………

Ⓐ $l + w$ Ⓑ $l \times w$ Ⓒ $\frac{l}{w}$ Ⓓ $(l + w) \times 2$

(76) The area of the opposite rectangle = ……… Square units.



Ⓐ 15 Ⓑ 18 Ⓒ 20 Ⓓ 24

(77) The area of rectangle of dimensions $3\frac{1}{5}$ cm and $2\frac{1}{2}$ cm is ………

Ⓐ 8 m^2 Ⓑ 8 cm^2 Ⓒ 8 km^2 Ⓓ 8 cm

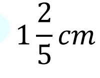
(78) The area of rectangle of length $\frac{2}{3}$ cm and width $\frac{1}{4}$ cm is …… cm^2.

Ⓐ $\frac{11}{12}$ Ⓑ $\frac{1}{6}$ Ⓒ $\frac{5}{12}$ Ⓓ $\frac{3}{8}$

(79) Area of opposite rectangle = ……… cm^2.

Ⓐ $5\frac{3}{4}$ Ⓑ $5\frac{1}{4}$ Ⓒ $4\frac{13}{20}$ Ⓓ $3\frac{2}{5}$

$3\frac{3}{4}\,cm$



$1\frac{2}{5}\,cm$

(80) The point $(0, 3)$ lies on ………

Ⓐ x – axis Ⓑ y – axis Ⓒ origin point

(81) The point $(5, 0)$ lies on ………

Ⓐ x – axis Ⓑ y – axis Ⓒ origin point

(82) Which of the following points located on x-axis?

Ⓐ $(3, 0)$ Ⓑ $(0, 5)$ Ⓒ $(3, 7)$ Ⓓ $(10, 2)$

(83) Which of the following points located on y-axis?

Ⓐ $(3, 0)$ Ⓑ $(0, 5)$ Ⓒ $(3, 7)$ Ⓓ $(10, 2)$

(84) The origin point is ....

Ⓐ (1, 0) Ⓑ (0, 1) Ⓒ (0, 0) Ⓓ (1, 1)

(85) The x-coordinate of the origin point is ....

Ⓐ 0 Ⓑ 1 Ⓒ 2 Ⓓ 3

(86) The y-coordinate of the origin point is ....

Ⓐ 0 Ⓑ 1 Ⓒ 2 Ⓓ 3

(87) The y-coordinate in the ordered pair (2, 5) is ....

Ⓐ 5 Ⓑ 1 Ⓒ 2 Ⓓ 3

(88) has ....

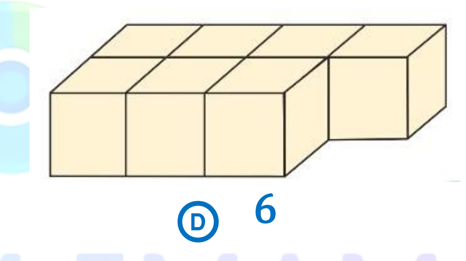
Ⓐ 4 Ⓑ 8 Ⓒ 10 Ⓓ 2

(89) Volume of is .... cube units.

Ⓐ 8 Ⓑ 12 Ⓒ 24 Ⓓ 10

(90) The volume of the opposite figure

= .... Cubic units

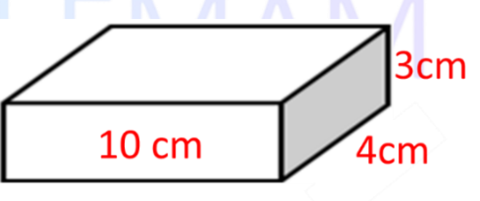


Ⓐ 4 Ⓑ 5 Ⓒ 7 Ⓓ 6



(91) The volume of the opposite

solid = ... cm^3



Ⓐ 17 Ⓑ 170 Ⓒ 120 Ⓓ 140

(92) A cuboid has 3 horizontal layers and 6 cube units in each layer, then its volume = ……… cube units.

Ⓐ 9 Ⓑ 18 Ⓒ 24 Ⓓ 12

(93) A cuboid has 2 vertical slices each slice has 4 cm^2, then its volume = ……… cm^3

Ⓐ 6 Ⓑ 4 Ⓒ 12 Ⓓ 8

(94) A box is filled by 4 horizontal layers, each layer contains 8 cube units, then its capacity = ……… cube unit.

Ⓐ 4 Ⓑ 12 Ⓒ 32 Ⓓ 24

(95) Volume of cuboid = 60 cm^3 and base area = 20 cm^2, then its height = ……… cm

Ⓐ 1200 Ⓑ 80 Ⓒ 3 Ⓓ 40

(96) The measure of the central angle of the circular sector that represents $\frac{1}{12}$ the circle is ……… °

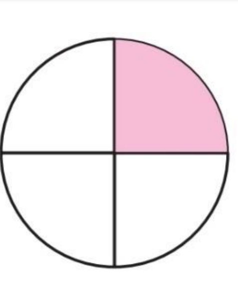
Ⓐ 30° Ⓑ 60° Ⓒ 90° Ⓓ 120°

(97) The measure of the central angle of the circular sector that represents $\frac{1}{4}$ the circle is ……… °

Ⓐ 30 Ⓑ 45 Ⓒ 60 Ⓓ 90

(98) The circular degrees that match.

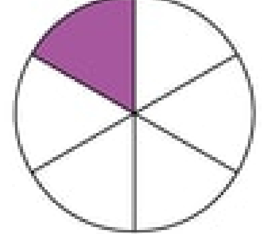
the fraction of the circle that is shaded = ……… °



Ⓐ 60 Ⓑ 90 Ⓒ 120 Ⓓ 180

(99) The circular degrees that match.

the fraction of the circle that is shaded = ……… °



Ⓐ 30 Ⓑ 45 Ⓒ 60 Ⓓ 90

(100) The circular degrees that match

the fraction of the circle that is shaded = ……… °



Ⓐ 90 Ⓑ 120 Ⓒ 180 Ⓓ 270

2) Complete:

(1) The LCM of denominators of $\frac{3}{4}$ and $\frac{3}{5}$ is ..20...

(2) The LCM of denominators of $\frac{2}{20}$ and $\frac{1}{5}$ is ..20...

(3) Simplest form of $\frac{15}{27}$ is ...$\frac{5}{9}$...

(4) Simplest form of $\frac{6}{12}$ is ...$\frac{1}{2}$...

(5) The simplest form of $\frac{24}{18}$ is $\frac{a}{3}$, then a = ...4....

(6) $\frac{1}{..3..} = \frac{2}{6}$

(7) $\frac{8}{32} = \frac{4}{..16..}$

(8) $\frac{7}{12} - \frac{3}{12} = ..\frac{4}{12} = \frac{1}{3}$

(9) $7\frac{2}{7} + 1\frac{3}{7} = ..8\frac{5}{7}..$

(10) $\frac{1}{2} + \frac{2}{5} = ..\frac{9}{10}...$

(11) $5\frac{1}{2} - \frac{3}{4} = ..4\frac{3}{4}...$

(12) $\frac{1}{6} + \frac{5}{8} = ...\frac{19}{24}......$

(13) If $X + 2\frac{1}{8} = 5\frac{3}{8}$, then X = ..$3\frac{1}{4}$..

(14) $9\frac{1}{4} - \ldots 5\frac{1}{2} \ldots = 3\frac{3}{4}$

(15) $\frac{1}{5}$ minute = ...12... seconds.

(16) $2\frac{1}{4}$ years = ...27... months.

(17) $7\frac{1}{10}$ minutes = ...7... minutes and ...6... Seconds.

(18) $6\frac{1}{2}$ years = ...6... years and ...6... months.

(19) $4 \times \ldots 6\frac{2}{3} \ldots = (6 \times 4) + \left(\frac{2}{3} \times 4\right)$

(20) $2\frac{1}{3} \times 6 = (2 \times 6) + (\frac{1}{3} \times 6)$

(21) $3\frac{2}{3} \times \frac{1}{4} = (\frac{1}{4} \times 3) + \left(\frac{2}{3} \times \frac{1}{4}\right)$

(22) $\frac{3}{5} \times \frac{1}{2} = \ldots \frac{3}{10} \ldots$

(23) $\frac{2}{9} \times \frac{1}{2} = \ldots \frac{1}{9} \ldots$

(24) $1\frac{1}{8} \times 2 = \ldots 2\frac{1}{4} \ldots$

(25) $2\frac{2}{5} \times \frac{1}{3} = \ldots \frac{4}{5} \ldots$

(26) $3\frac{1}{5} = \frac{16}{5}$

(27) $\frac{2}{5} \times \frac{5}{2} = 1$

(28) $4\frac{1}{2} \times \frac{2}{9} = 1$

(29) $7 \div 2 = \frac{7}{2} = 3\frac{1}{2}$

(30) $\frac{1}{4} \div 3 = \frac{1}{12}$

(31) $4 \div \frac{1}{2} = 8$

(32) $\frac{1}{3} \div a = \frac{1}{6}$, $a = 2$

(33) $\frac{1}{4} \div c = \frac{1}{24}$, $c = 6$

(34) $2 \times d = 8$, $d = 4$

(35) $5 \times e = 25$, $e = 5$

(36) $\frac{1}{5} \times f = \frac{1}{15}$, $f = \frac{1}{3}$

(37) $\frac{1}{8} \times g = \frac{1}{24}$, $g = \frac{1}{3}$

(38) The shape •———• is called ..Line Segment..

(39) The shape •———→ is called ..Ray..

(40) The shape ←———→ is called ..Line..

(41) The triangle has ...3... sides and ...3... angles.

(42) The measure of a right angle is ..equal.... 90°

(43) The measure of an obtuse angle is ..more than.. 90°

(44) The measure of an acute angle is ……Less than…… $90°$

(45) The angle of measure more than $90°$ is ……Obtuse…… angle

(46) The angle of measure less than $90°$ is ……acute…… angle.

(47) Any triangle has at least ……………2…… Acute angles.

(48) $20°$, $70°$ and $90°$ are the measures of the angles of …right angled… triangle.

(49) $40°$, $60°$ and $80°$ are the measures of the angles of …acute angled… triangle.

(50) $30°$, $30°$ and $120°$ are the measures of the angles of …obtuse angled… triangle.

(51) ……acute angled…… Triangle has 3 acute angles.

(52) ……Equilateral…… Triangle has 3 equal sides.

(53) ……Scalene…… Triangle has 3 different sides.

(54) The equilateral triangle is 3 a triangle whose sides are ……Equal in Length……

(55) The triangle with equal sides is called …Equilateral… triangle.

(56) The triangle ABC is an equilateral triangle where AB = 5 cm,

then AC = ……5…… cm and BC = ……5…… cm

(57) In the equilateral triangle LMN, LM = MN = 5cm, then LN =…5… Cm

(58) The triangle of sides 7cm, 5cm, 8cm is called ……Scalene…… triangle.

(59) The triangle of sides 5cm, 5cm, 4cm is called ……Isosceles…… triangle.

(60) The triangle of sides 4cm, 4cm, 4cm is called ……equilateral…… triangle.

(61) In ΔABC , AB = 5cm, BC = 7cm and AC = 3cm, then the triangle is scalene

(62) In ΔABC , AB = BC = 7cm and AC = 4cm, then the triangle is Isosceles

(63) Area of rectangle = Length × width.

(64) Area of rectangle = Length × width

(65) Area of rectangle of dimensions $\frac{1}{3}$ units and $\frac{1}{4}$ units is $\frac{1}{12}$ Square units

(66) The area of rectangle of dimensions $2\frac{1}{2}$ m and $\frac{1}{5}$ m is $\frac{1}{2}$ m^2

(67) In the ordered pair (5,7) the x-coordinate is …5…

(68) In the ordered pair (1,2) the y-coordinate is …2…

(69) The x-coordinate of (2,5) is …2…

(70) The y-coordinate of (2,5) is …5…

(71) The origin point is (0 , 0)

(72) The x-coordinate of the origin point is Zero

(73) The y-coordinate of the origin point is Zero

(74) Y-axis is vertical axes in the coordinate plane.

(75) X-axis is horizontal axes in the coordinate plane.

(76) The point (0,7) lies on …Y… -axis.

(77) The point (3,0) lies on …X… -axis.

(78) Volume of cuboid = ..Length.. × ..width.. × ..height..

(79) Volume of cuboid = ..Base Area.. × height.

(80) ..Volume.. = base area × height.

(81) volume ÷ base area = ..height..

(82) volume ÷ height = ..base Area..

(83) Height of cuboid = ..Volume.. ÷ ..Base Area..

(84) The volume of cuboid of dimensions 2m,5m and 6m is ..60.. m^3

(85) A rectangular prism of length 7cm, width 5 cm and height 2cm, then its

volume = ..70.. Cm^3

(86) A cuboid whose base area 15 cm^2 and height 10 cm, then its

volume = ..150.. Cm^3

(87) Length: ..3.. cm

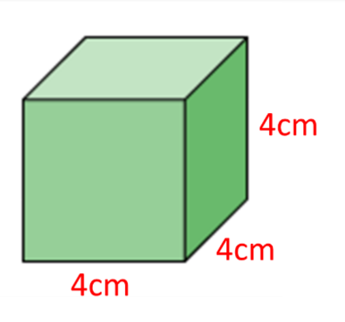
width: ..3.. cm

height: ..3.. cm

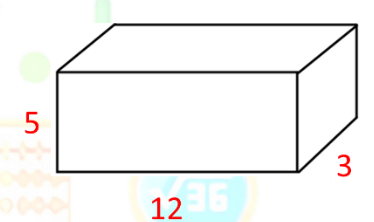
volume: ..27.. cm^3



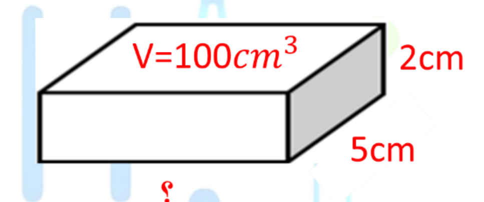
(88) Volume = …64… m^3



(89) The volume of the opposite figure = …180… cm^3



(90) The missing dimension in the opposite cuboid is …10… cm



(91) A cuboid whose volume 300 cm^3 and base area 30 cm^2, then its height = …10… cm

(92) A cuboid whose volume 36 cm^3, length 4 cm and width 3 cm, then its height = …3…. cm

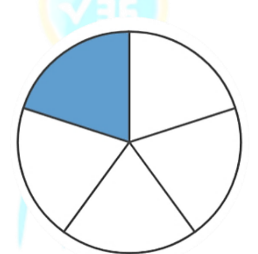
(93) A cuboid whose volume 24 cm^3 and its height 3 cm, then its base area = ….8.. cm^2

(94) A cuboid whose volume 40 cm^3 and its height 4 cm, its width 2 cm, then its length = ...5.... cm

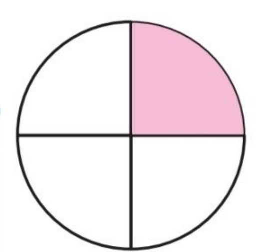
(95) A cuboid has 2 horizontal layers and 5 cube units in each layer, then its volume = ..10... cube units.

(96) A cuboid has 4 vertical slices each slice has 6 cm^2, then its volume = ..24.... cm^3

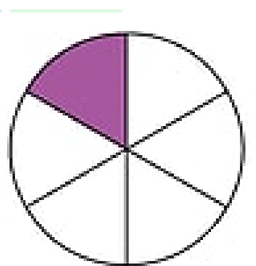
(97) The fraction which represents the shaded part is ...$\frac{1}{5}$...



(98) The circular degrees that match the fraction of the circle that is shaded = ...90.. °



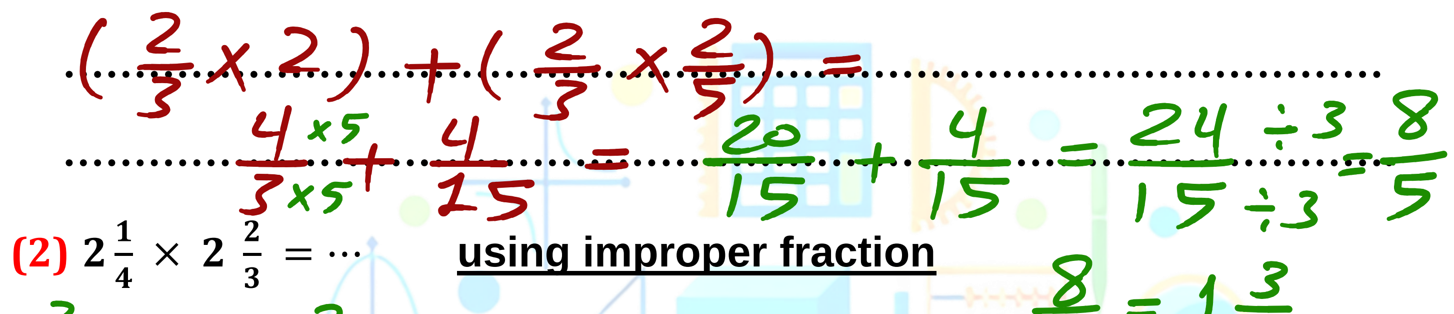
(99) The circular degrees that match the fraction of the circle that is shaded = ...60.. °



(100) The measure of the central angle which represents $\frac{1}{4}$ of the circle is ...90°...

Answer the following questions:

(1) $2\frac{2}{5} \times \frac{2}{3} = \cdots$ **using distributive property**

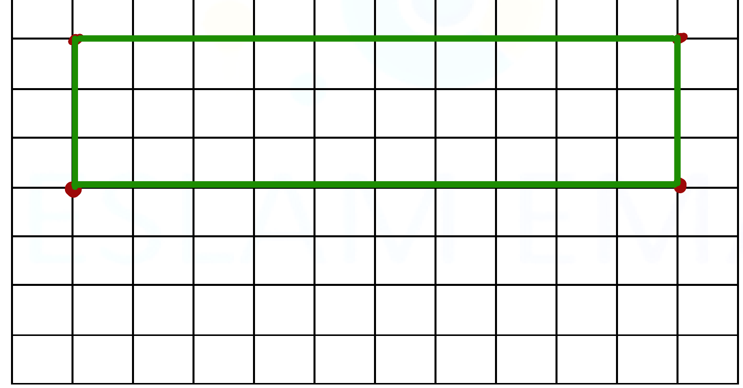


(2) $2\frac{1}{4} \times 2\frac{2}{3} = \cdots$ **using improper fraction**

$\frac{9}{4} \times \frac{8}{3} = 6$

(3) Draw a rectangle with a length of 10 units and width 3 units, then find its area.

Area = L × W = 10 × 3 = 30 square units



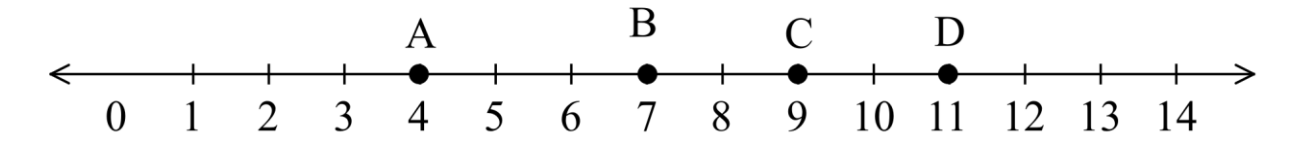
(4) What is the area of the rectangle shown?

$1\frac{2}{3}\ m$

$2\frac{1}{5}\ m$

Area $= 1\frac{2}{3} \times 2\frac{1}{5} = \frac{5}{3} \times \frac{11}{5} = \frac{11}{3} = 3\frac{2}{3}\ m^2$

(5) Use the number line to answer the questions



a) What is the value of A? 4

b) What is the value of B? 7

c) What is the value of C? 9

d) What is the value of D? 11

e) What is the distance between A and C? 9-4=5 units

f) What is the distance between B and C? 9-7=2 units

g) What is the distance between A and D? 11-4=7 units

(6) In the following grid, observe and answer.

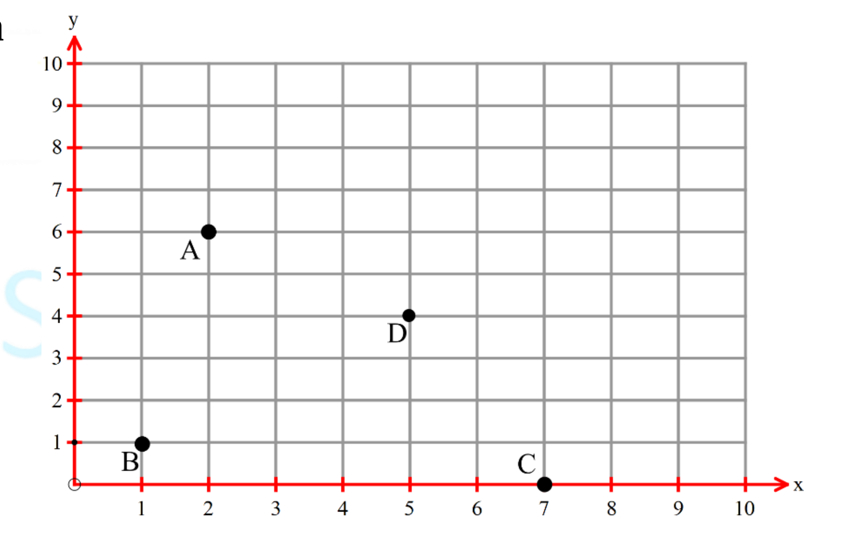
Write the order pair of each of the following points:

① A (2 , 6)

② B (1 , 1)

③ C (7 , 0)

④ D (5 , 4)



(7) In the opposite coordinate plane:

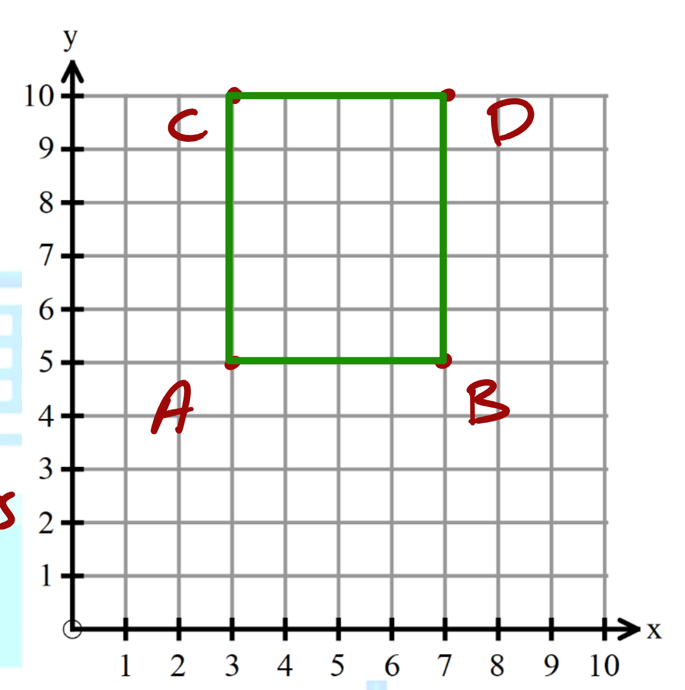
a. Graph the figure ABCD were.

A (3,5), B (7,5), C (3,10) and D (7,10)

b. what is the name of the figure ABCD Rectangle

c. what is the length of $\overline{AB}$? 4 units

d. what is the length of $\overline{AC}$? 5 units

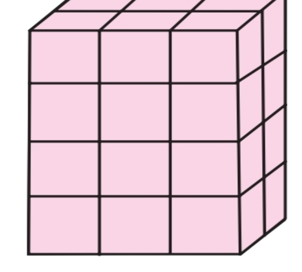


(8) Ola is selling bags of cookies in her neighborhood to make extra money to buy a new bike. She earns 5 L.E for each bag of cookies she sells. complete the table and then graph the points on the coordinate grid.

Bagas of cookies	Money Earned L.E.
2	……10……
4	……20……
6	……30……
8	……40……
10	……50……



(9) **In the opposite solid.**



1- number of horizontal layers: …4….

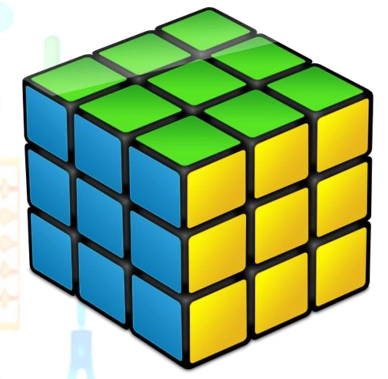


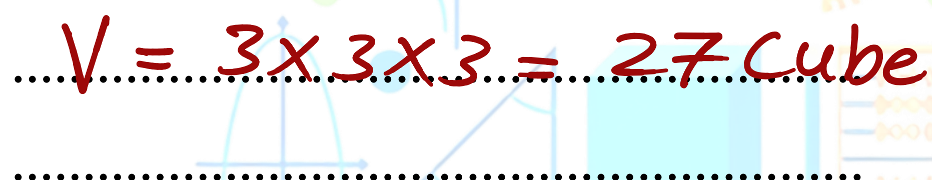
2- number of cubes in each horizontal layer: …6…

3- volume = …4… × …6….. = …24.. cm^3



(10) **Find the volume of the opposite solid.**

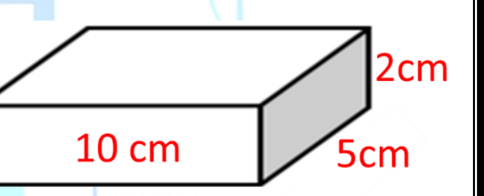


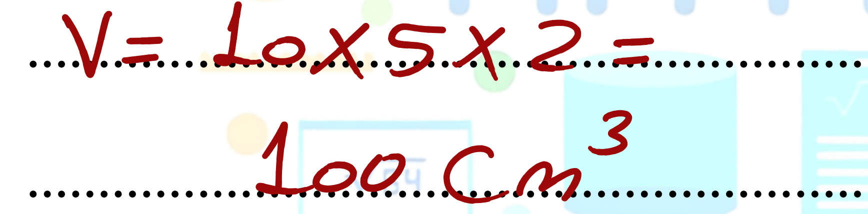


V = 3x3x3 = 27 Cube

……………………………………………………

(11) **Find the volume of the opposite figure.**

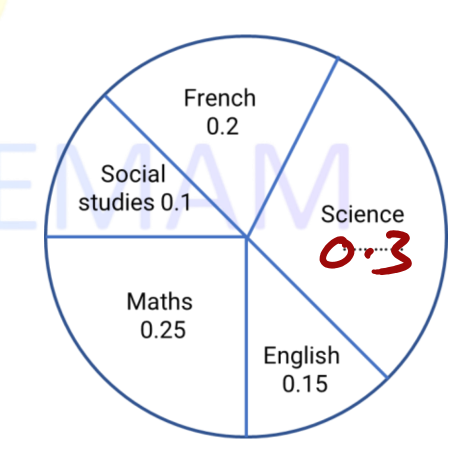




V = 10x5x2 =

100 Cm^3

(12) **The opposite figure shows the percentages of sales of different types of the book. Complete:**



1- the sales fraction of science books is …$\frac{3}{10}$…

2- the least sales fraction is in …Social studies

(13) **The opposite figure represents the different activities which sally does during day.**

Study the figure, then answer the following questions:

a- find the decimal of the time that sally spends at school.



b- find the decimal of the time that sally spends in sleeping.

c- find the decimal of the time that sally spends in other things.

d- complete:

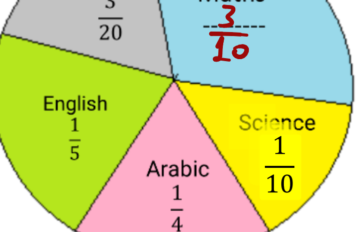
sally spends the same decimal of the time in………… and …………

Sleeping 0.3
School 0.2
Studying 0.1
Playing 0.1
Other things ……

(14) **The following figure represents the fractions of the favorite subjects of 200 pupils in a school.**

Answer the following questions:

a- what is the decimal of the pupils who prefer science?



Social studies $\frac{3}{20}$
Maths ……
English $\frac{1}{5}$

b- what is the decimal of the pupils who prefer English?

c- what is the fraction of the pupils who prefer mathematics?

d- find the measure of the central angle of maths in degrees.

e- how many pupils prefer studying English?

(15) Sara spends $\frac{1}{2}$ of her money to buy candy and $\frac{1}{3}$ of it to buy toys. What fraction of her money is left?

$\frac{1}{2} + \frac{1}{3} =$ $\frac{6}{6}$ ~~1~~ $- \frac{5}{6} = \frac{1}{6}$

$\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$

(16) Soha likes chocolate. One day she bought a chocolate and ate $\frac{5}{9}$ of it in the morning and $\frac{1}{3}$ in the evining. How much part of the chocolate has she eaten?

$\frac{5}{9} + \frac{1 \times 3}{3 \times 3}$

$\frac{5}{9} + \frac{3}{9} = \frac{8}{9}$ of chocolate

(17) Omnia purchases $\frac{8}{9}$ kg of fava beans. She uses $\frac{3}{4}$ kg of the fava beans to make falafel. How many kilograms of fava beans are left?

$\frac{8}{9} - \frac{3}{4} =$

$\frac{32}{36} - \frac{27}{36} = \frac{5}{36}$ kg

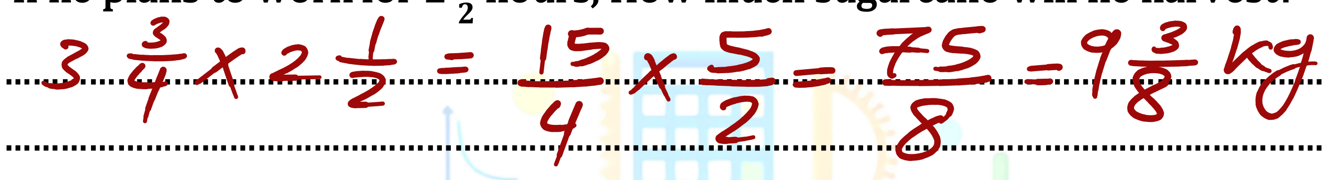
(18) Ahmed ate $\frac{1}{3}$ of the cake and Hazem $\frac{3}{8}$ How much of the cake has been eaten and how much is left?

$\frac{1}{3} + \frac{3}{8} = \frac{8}{24} + \frac{9}{24} = \frac{17}{24}$

$\frac{24}{24}$ ~~1~~ $- \frac{17}{24} = \frac{7}{24}$ of the Cake

(19) Mustafa is harvesting sugarcane. He can harvest $3\frac{3}{4}$ kilograms of sugarcane in 1 hour.

If he plans to work for $2\frac{1}{2}$ hours, How much sugarcane will he harvest?



(20) A juice can is in the shape of cuboid, its base is square- shaped of side length 5 cm.

and its height is 10 cm. calculate the volume of the juice can.

$V = L \times w \times h = 5 \times 5 \times 10 = 250 \text{ cm}^3$

(21) A cuboid whose volume 8000 cm³ and the length of its base is 25 cm and the width of its base is 16 cm. find the height of the cuboid.

$h = \frac{V}{L \times w} = \frac{8000}{25 \times 16} = \frac{8000}{400} = 20 \text{ cm}$

حمل الآن

مجانا وحصريا

المراجعة رقم (3)

الترم الثانى







Grade 5 – General revision

التقييمات والاداءات الصفية والمنزلية والكتاب المدرسى

افكار اضافية من امتحانات المحافظات

1. Choose the correct answer:

1 If $\frac{5}{7} = \frac{a}{35}$, then a = ……….

a. 5 b. 10 c. 25 d. 7

2 The fraction $\frac{12}{18}$ in the simplest form is ……….

a. $\frac{6}{9}$ b. $\frac{2}{3}$ c. $\frac{1}{3}$ d. 6

3 If $2\frac{1}{2} = 2\frac{4}{m}$, then x = ……….

a. 2 b. 4 c. 6 d. 8

4 The smallest like denominators of $\frac{4}{5}$ and $\frac{2}{25}$ is ……….

a. 5 b. 25 c. 30 d. 20

5 + = ……….

a. $\frac{5}{6}$ b. $\frac{3}{4}$ c. $\frac{2}{6}$ d. $\frac{2}{3}$

6 If $1\frac{7}{14} - k = 1$, then the value of k = ……….

a. $\frac{8}{14}$ b. $\frac{1}{2}$ c. $2\frac{7}{14}$ d. $\frac{2}{3}$

7 If $\frac{4}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$, then x = ……….

a. 4 b. 3 c. 12 d. 21

8 $2\frac{1}{3}$ can be regrouped as ……….

a. $\frac{2}{3}$ b. $1\frac{4}{3}$ c. $\frac{5}{3}$ d. $\frac{1}{3}$

9 If $3\frac{2}{3} - b = 1$, then the value of b = ……….

a. $4\frac{2}{3}$ b. 2 c. $2\frac{2}{3}$ d. 4

10 $5\frac{1}{4}$ ………. $5\frac{2}{8}$

a. > b. < c. = d. Otherwise

11 $2\frac{1}{2}$ years = ………. months

a. 24 b. 30 c. 36 d. 42

Grade 5 – General revision

التقييمات والاداءات الصفية والمنزلية والكتاب المدرسى

افكار اضافية من امتحانات المحافظات

12 $1\frac{1}{8}$ days = ... hours

a. 21 b. 24 c. 27 d. 30

13 $4\frac{3}{4}$ hours = ... hours and .... minutes

a. 4, $\frac{3}{4}$ b. 4, 45 c. 4, 20 d. 4, 30

14 2 hours and 15 minutes = ... minutes

a. 120 b. 135 c. 150 d. 165

15 If $2\frac{1}{7} = \frac{x}{7}$, then x = ...

a. 2 b. 14 c. 15 d. $\frac{2}{7}$

16 $\frac{17}{2}$ is equivalent to ....

a. 8 b. $8\frac{1}{2}$ c. $3\frac{1}{2}$ d. 4

17 $\frac{1}{2} \times \frac{1}{5}$ = ...

a. 5 b. $\frac{2}{7}$ c. $\frac{1}{10}$ d. 10

18 $2\frac{1}{2} \times 5$ = (...... × 5) + ($\frac{1}{2}$ × 5)

a. 2 b. 5 c. $\frac{1}{2}$ d. $\frac{1}{5}$

19 $\frac{3}{7} \times b = \frac{3}{7} + \frac{3}{7}$, then b = ...

a. 2 b. 3 c. 4 d. 5

20 If $a \times \frac{3}{17} = \frac{3}{17}$, then a = ...

a. 0 b. 1 c. 2 d. $\frac{1}{17}$

21 $5 \times \frac{3}{7}$ .... $4\frac{3}{7}$

a. > b. < c. = d. Otherwise

22 $3\frac{2}{5} \times 5$ = ...

a. 15 b. 17 c. $\frac{15}{5}$ d. $\frac{17}{5}$

Grade 5 – General revision

التقييمات والاداءات الصفية والمنزلية والكتاب المدرسى
افكار اضافية من امتحانات المحافظات

23 If $\frac{1}{3} \times a = 1\frac{1}{3}$, then a = …………

a. $\frac{1}{3}$ b. $\frac{3}{4}$ c. 4 d. $\frac{1}{4}$

24 $\frac{1}{3}$ of 12 = …………

a. 3 b. 4 c. 12 d. 36

25 One-fifth of the number 5 = …………

a. 0 b. 1 c. 10 d. 25

26 The number of thirds in one is …………

a. $\frac{1}{3}$ b. 1 c. 3 d. 4

27 $\frac{5}{7} \times 4 = \frac{2}{7} \times$…….

a. 2 b. 5 c. 10 d. 20

28 If the pattern rule is multiplying by $\frac{2}{7}$ and the input is 3, what is the output?

a. $\frac{1}{7}$ b. $\frac{2}{7}$ c. $\frac{6}{7}$ d. 6

29 $\frac{2}{3} \times \frac{3}{8} \times \frac{8}{9} =$ …………

a. $\frac{2}{3}$ b. $\frac{2}{9}$ c. 2 d. 9

30 If $\frac{1}{4} \times m = \frac{1}{20}$, then m = …………

a. $\frac{1}{5}$ b. 5 c. $\frac{1}{4}$ d. 4

31 $\frac{3}{7} \times$ …… = 1

a. $\frac{3}{7}$ b. $\frac{7}{3}$ c. 7 d. 3

32 $1\frac{3}{7} \times$ …… = 1

a. $\frac{3}{7}$ b. $\frac{7}{3}$ c. $\frac{10}{7}$ d. $\frac{7}{10}$

33 $16 \div 7 = 2\frac{\cdots}{7}$

a. 1 b. 2 c. 3 d. 4

34 17 ÷ 5 = ………… (as mixed number)

a. $1\frac{2}{5}$ b. $2\frac{2}{5}$ c. $3\frac{2}{5}$ d. $2\frac{1}{5}$

35 Write a division problem that represents the following situation: "Five cartons of notebooks are shared between two bookstores"

a. 5 ÷2 b. 2 ÷5 c. 7 ÷2 d. 2 ÷7

36 $\frac{1}{4}$ ÷ 4 = …………

a. 16 b. $\frac{1}{16}$ c. 1 d. 4

37 4 ÷ $\frac{1}{4}$ = …………

a. 16 b. $\frac{1}{16}$ c. 1 d. 4

38 7 ÷ $\frac{1}{8}$ = 7 × ……..

a. $\frac{1}{8}$ b. 8 c. $\frac{7}{8}$ d. $\frac{1}{7}$

39 8 ÷ a = 40 , then a = …………

a. 5 b. $\frac{1}{5}$ c. 8 d. 40

40 If $\frac{1}{8}$ ÷ b = $\frac{1}{24}$, then b = …………

a. 3 b. $\frac{1}{3}$ c. 8 d. 24

41 The following shape is called …………..

a. Line b. Straight line c. Ray d. Line segment

42 Two lines that ………….. will never intersect, no matter how far they extend

a. Parallel b. Intersecting c. Perpendicular d. Acute

43 Two lines that share a common point are called …………..

a. Parallel b. Intersecting c. Acute d. Obtuse

44 Closed two-dimensional shapes made up of three or more sides are called …………..

a. Ray b. Line c. Polygon d. Line segment

45 The polygon which has 4-sides is called ....

a. Triangle b. Pentagon c. Quadrilateral d. Hexagon

46 A quadrilateral with only one pair of parallel sides is called ....

a. Parallelogram b. Rhombus c. Trapezium d. Square

47 A quadrilateral with two acute angles, two obtuse angles, and four equal sides is called ....

a. Square b. Rhombus c. Rectangle d. Parallelogram

48 The geometric shape with four sides of equal length and angles that are not right angles is ....

a. Square b. Rectangle c. Rhombus d. Parallelogram

49 A parallelogram has two pairs of .... sides

a. Acute b. Parallel c. Perpendicular d. Obtuse

50 All angles in a square are ....

a. Acute b. Right c. Obtuse d. Straight

51 An angle measuring 80° is called .... angle.

a. Acute b. Right c. Obtuse d. Straight

52 The measure of the obtuse angle .... 90°

a. > b. < c. = d. Otherwise

53 The common subcategory between a right-angled triangle and a rectangle?

a. Acute angle b. Right angle c. Obtuse angle d. Straight angle

54 A triangle with side lengths of 5 cm, 3 cm, and 4 cm is called a .... triangle (according to its side lengths)

a. Acute b. Equilateral c. Isosceles d. Scalene

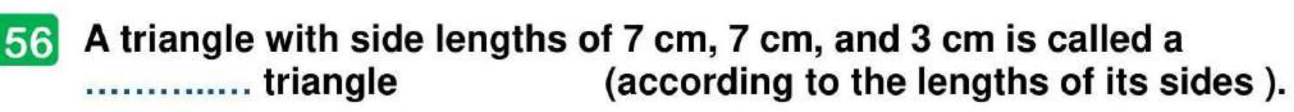
55 A triangle with two acute angles and one angle measuring 90° is called a .... triangle (according to the measures of its angles)

a. Acute b. Obtuse c. Right d. Equilateral

Grade 5 – General revision

التقييمات والاداءات الصفية والمنزلية والكتاب المدرسى

افكار اضافية من امتحانات المحافظات



56 A triangle with side lengths of 7 cm, 7 cm, and 3 cm is called a .... triangle (according to the lengths of its sides).

a. Acute b. Equilateral c. Isosceles d. Scalene

57 In the equilateral triangle ABC , AB = 8 cm BC = 8 cm, then AC = ... cm

a. 8 b. 4 c. 16 d. 24

58 The name of the triangle that has three equal sides is .... triangle

a. Acute b. Equilateral c. Isosceles d. Scalene

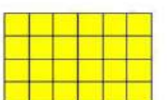
59 In any triangle, at least two angles are ....

a. 0 b. 1 c. 2 d. 3

60 The number of right angles in a right-angled triangle is ....

a. 0 b. 1 c. 2 d. 3

61 The area of the given rectangle is ....



a. 15 b. 24 c. 10 d. 8

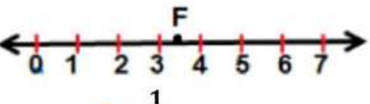
62 A rectangle has a length of $\frac{1}{2}$ cm and a width of $\frac{2}{5}$ cm. Its area = ...

a. 5 cm b. 5 cm² c. $\frac{1}{5}$ cm d. $\frac{1}{5}$ cm²

63 In the ordered pair (5, 4), the x-coordinate is ....

a. 5 b. 4 c. 0 d. 9

64 The value of point F on the number line shown = ...



a. 2 b. 3 c. $\frac{1}{2}$ d. $3\frac{1}{2}$

65 On the number line, the distance from point B to point A = ... units.

A B
0 1 2 3 4 5 6

a. 8 b. 4 c. $1\frac{1}{2}$ d. $5\frac{1}{2}$

66 In the ordered pair (.... , ...), the x-coordinate is 3 and the y-coordinate is 7.

a. (3 , 7) b. (7 , 3) c. (3 , 0) d. (0 , 7)

67 The origin is represented by the ordered pair (.... , ...)

a. (5 , 0) b. (0 , 5) c. (0 , 0) d. (3 , 3)

68 Which of the following points located on x-axis?

a. (0 , 3) b. (3 , 0) c. (5 , 1) d. (1 , 5)

69 Which of the following points located on y-axis?

a. (5 , 0) b. (0 , 5) c. (3 , 1) d. (3 , 3)

70 When plotting the ordered pair (9, 6) We move .... horizontal units along the x-axis

a. 6 b. 9 c. 0 d. 15

71 The square pyramid has .... triangular faces

a. 3 b. 4 c. 5 d. 6

72 The base of a cylinder is in the shape of a ....

a. Square b. Rectangle c. Triangle d. Circle

73 The three-dimensional shape that has one base and one vertex is ......

a. Cube b. Pyramid c. Cone d. Cylinder

74 A cube with an edge length of 5 cm, then the sum of the lengths of all its edges is = ... cm

a. 12 b. 60 c. 120 d. 6

75 Number of edges in a cube = ... edges

a. 6 b. 8 c. 12 d. 5

76 Number of edges in a cylinder = ... edge(s)

a. 0 b. 1 c. 2 d. 3

77 A rectangular prism is divided into 4 layers, and each layer contains 6 unit cubes. Then, the volume of the rectangular prism = ... cubic units

a. 10 b. 16 c. 24 d. 20

78 The volume of a rectangular prism with dimensions 3 cm, 2 cm, and 2 cm is ……….

a. 7 cm b. 12 cm c. 7 cm^2 d. 12 cm^3

79 The sum of measures of angles accumulating around at a point as the centre of the circle is equal to ………. °

a. 90 b. 180 c. 270 d. 360

80 The shaded part represents ……. of the circle.



a. $\frac{1}{2}$ b. $\frac{1}{4}$ c. $\frac{1}{8}$ d. $\frac{1}{5}$

2. Answer the following:

1 Write three equivalent fractions for $\frac{2}{5}$

……………………………………………………………………………

2 Use the L.C.M. to find the least common denominator for $\frac{2}{7}$ and $\frac{1}{3}$

……………………………………………………………………………

3 Find the result:

- $2\frac{1}{4} + 2\frac{3}{4}$ = ………
- $2\frac{3}{6} + 2\frac{5}{6}$ = ………
- $2\frac{3}{8} + 6\frac{3}{4}$ = ………
- $\frac{1}{3} + \frac{3}{5}$ = ………
- $1 + \frac{7}{10} + \frac{3}{4}$ = ………
- $5\frac{3}{5} - 2\frac{2}{5}$ = ………
- $3\frac{2}{5} - 1\frac{4}{5}$ = ………
- $3 - 2\frac{1}{7}$ = ………
- $\frac{3}{10} - \frac{1}{5}$ = ………
- $9\frac{3}{4} - 8\frac{3}{5}$ = ………

4 Find the unknown number and write it in the simplest form:

- $m - 2\frac{5}{8} = 7\frac{3}{8}$
  m = ………
- $a + 5\frac{5}{6} = 9\frac{1}{12}$
  a = ………
- $9\frac{6}{10} - c = 4\frac{9}{20}$
  C = ……..

5 On Thursday, Judy walked $\frac{5}{8}$ kilometers. How much distance is left for her to walk 1 kilometer?

……………………………………………………………………………

Grade 5 – General revision

التقييمات والاداءات الصفية والمنزلية والكتاب المدرسي

افكار اضافية من امتحانات المحافظات

6 Ali bought $\frac{1}{6}$ kg of vegetables on Friday and $\frac{5}{8}$ kg on Saturday. What is the total amount of vegetables he bought over the two days?

....

7 Gana drinks $\frac{3}{5}$ liters of milk daily, while her sister Talia drinks $\frac{2}{3}$ liters daily. Find the difference in their milk consumption.

....

8 Hassan needs $5\frac{3}{4}$ kg of flour to make pies. If he already has $2\frac{1}{3}$ kg of flour, how much more flour does he need to buy?

....

9 Karim walked $2\frac{1}{5}$ km and Sameh walked $1\frac{1}{3}$ km more. What distance that Sameh walked?

....

10 $5\frac{2}{5}\,m$, $3\frac{9}{15}\,m$ and $2\frac{2}{3}\,m$

rewrite these mixed numbers using a common denominator?

....

11 Rewrite the mixed number in two different ways:

$5\frac{1}{7}$ = ... = ...

12 Marawan studied Math for 90 minutes and science for 60 minutes How many minutes did Marawan study all?

....

13 Seif studied Math for $1\frac{1}{2}$ hour and Science for 30 minutes.

How many hours seif study in all?

....

14 Find the product and write the answer in its simplest form:

- $\frac{1}{3} \times \frac{1}{7}$ = ...
- $2 \times \frac{2}{5}$ = ...
- $3 \times 2\frac{1}{3}$ = ...
- $\frac{3}{8} \times 1\frac{1}{2}$ = ...
- $2\frac{1}{3} \times 1\frac{2}{7}$ = ...
- $\frac{3}{8} \times \frac{1}{6}$ = ...
- $5 \times \frac{2}{3}$ ....
- $5 \times 1\frac{3}{4}$ = ...
- $5\frac{1}{4} \times \frac{1}{2}$ = ...
- $1\frac{1}{4} \times 2\frac{1}{5}$ = ...
- $\frac{2}{15} \times \frac{5}{8}$ = ...
- $\frac{1}{2} \times 18$ = ...
- $2\frac{1}{2} \times 4$ = ...
- $\frac{2}{7} \times 1\frac{3}{4}$ = ...
- $2\frac{1}{4} \times 1\frac{1}{3}$ = ...

15 Gana has 18 pieces of candy. She gave $\frac{2}{3}$ of her candies to her friends. How many pieces of candy did she give away?

....

Grade 5 – General revision

التقييمات والاداءات الصفية والمنزلية والكتاب المدرسى

افكار اضافية من امتحانات المحافظات

16 Ahmed runs $\frac{1}{3}$ kilometer daily. How far does she run in 5 days?

....

17 If the price of a pen is $2\frac{1}{2}$ pounds. Find the price of 6 pens

....

18 Gana reads $2\frac{1}{2}$ pages in one hour from a short stories book regularly. If she plans to read for 1 hour and 15 minutes, how many pages will she read in that time?

....

19 There are 4 bags of beans, and each bag weighs $\frac{3}{4}$ kg. What is the total weight of the beans?

....

20 Find the quotient:

- $6 \div \frac{1}{3}$ = ...
- $3 \div \frac{1}{5}$ = ...
- $\frac{1}{2} \div 5$ = ...
- $\frac{1}{8} \div 2$ = ...

21 Find the unknown number in the equation:

- $\frac{1}{4} \div a = \frac{1}{12}$
- $\frac{2}{11} \times$ ...... $= \frac{3}{11}$

22 A teacher wants to give $\frac{1}{8}$ of a box pencil to each student. He has 5 boxes of pencils. How many students will he be able to give pencils?

....

23 Maram feeds her cat $\frac{1}{8}$kg of cat food each day. How many days will it take for the cat to eat 4 kg of food?

....

24 Fatma feeds her cat $\frac{1}{8}$ of kilograms of cat food each day. How much cat food does she need to feed her cat for 3 days?

....

25 Mohammed has a flower garden with a length of 10 units and a width of $\frac{1}{3}$ unit. What is the area of Mohammed's garden?

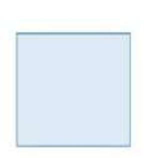
....

26 All four sides are equal in length in .... and ....

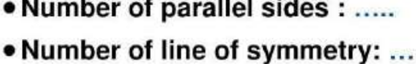
27 All four angles are equal in measure in .... and ....

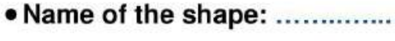
28 The 3- dimensional shape that has 6 faces, 8 vertices, and 12 edges is .... and ....

29 **Complete:**

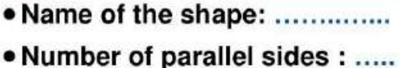


- Name of the shape: ……………
- Number of parallel sides : …..
- Number of line of symmetry: …
- Types of angles: ……………

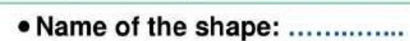


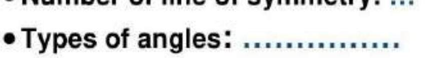


- Name of the shape: ……………
- Number of parallel sides : …..
- Number of line of symmetry: …
- Types of angles: ……………



- Name of the shape: ……………
- Number of parallel sides : …..
- Number of line of symmetry: …
- Types of angles: ……………





- Name of the shape: ……………
- Number of parallel sides : …..
- Number of line of symmetry: …
- Types of angles: ……………

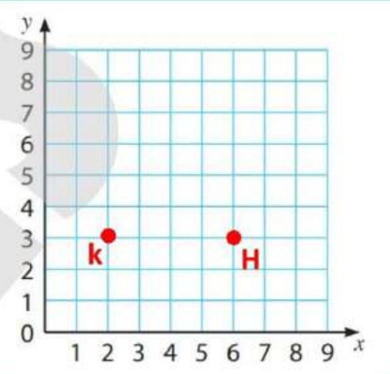
30 **Using the opposite coordinate grid: answer the following questions:**

- Write the ordered pairs for points k and H



……………………………………………………

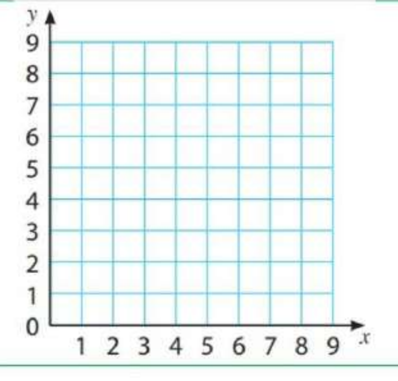
- Draw a line connecting the two points.
- Place the coordinate point E so that it forms a right angle.
- Write the orderd pair for point E ………..



31 **Plot the following points on the coordinate plane:**

A (3 , 2) , B (3 , 5) , C (6 , 5) , D (6 , 2)

- The name of the resulting polygon is …….
- The four sides are ……….. in length
- The type of angles is ………..



32 **Plot the following points on the coordinate plane, connect the points:**

A (1 , 2) , B (4 , 2) , C (4 , 7) , D (7 , 1)

- What is the name of resulting shape?

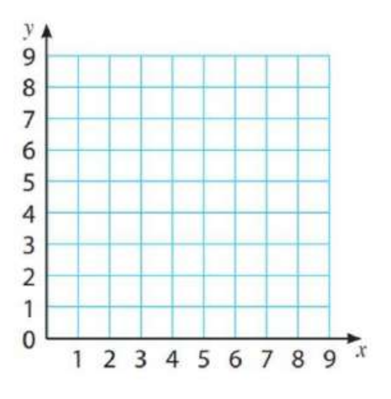


……………

- The distance from point B to the point A = ……. Units
- The distance from point C to the point B = …….. units



- The area of the resulting shape = ……..



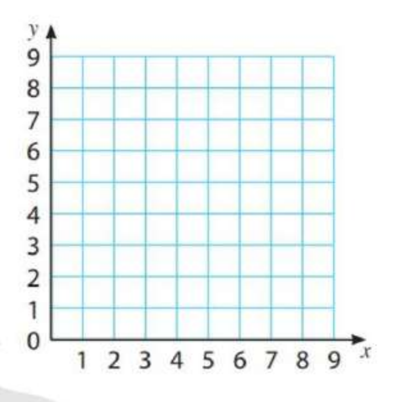
Grade 5 – General revision

التقييمات والاداءات الصفية والمنزلية والكتاب المدرسى

افكار اضافية من امتحانات المحافظات

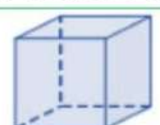
33 Use the following ordered pairs to plot them on the coordinate grid:

X value	1	2	a	4
Y value	2	4	6	b



- What is the change in x-values? ....
- What is the change in y-values? ....
- a = ... , b = ...
- If x = 0, what is the value of y? ....
- If x = 10, what is the value of y, and what is the ordered pair? ....
- If y = 60, what is the value of x, and what is the ordered pair? ....

34



- Name of the shape: ....
- Number of faces: ....
- Number of vertices: ......
- Number of edges: ......



- Name of the shape: ....
- Number of faces: ....
- Number of vertices: ......
- Number of edges: ......



- Name of the shape: ....
- Number of faces: ....
- Number of vertices: ......
- Number of edges: ......



- Name of the shape: ....
- Number of faces: ....
- Number of vertices: ......
- Number of edges: ......

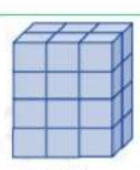


- Name of the shape: ....
- Number of faces: ....
- Number of vertices: ......
- Number of edges: ......

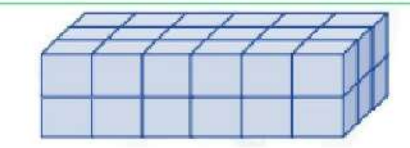


- Name of the shape: ....
- Number of faces: ....
- Number of vertices: ......
- Number of edges: ......

35



- Number of horizontal layers = ... layers
- Number of cubes in each layer = ... cube
- Volume of the shape = ... cm^3

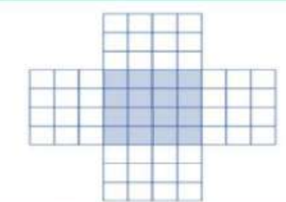


- Number of vertical layers = ... layers
- Number of cubes in each layer = ... cube
- Volume of the shape = ... cm^3



36

- Number of layers in the resulting shape = ... layer(s)
- Area of one layer = ... cm^2
- Volume of the shape = ... cm^3

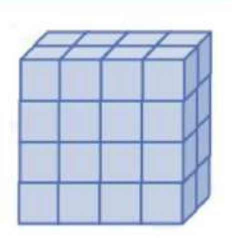


Grade 5 – General revision

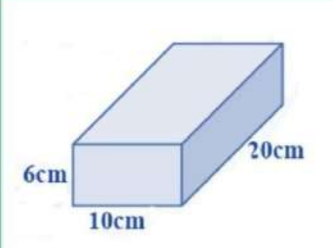
التقييمات والاداءات الصفية والمنزلية والكتاب المدرسى

افكار اضافية من امتحانات المحافظات

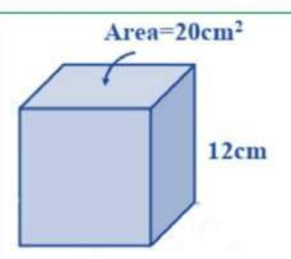
37



- **Length = ... cm**
- **Width = ... cm**
- **Height = ... cm**
- **Volume = ... cm³**

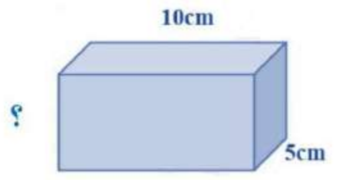


- **Equation = ...**
- **Volume = ... cm³**



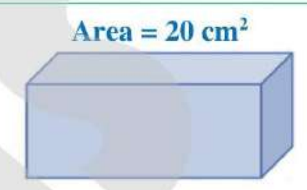
- **Equation: ....**
- **Volume = ... cm³**

38



- **If the volume of the adjacent rectangular prism is 400 cm³, Find the missing dimension**

....

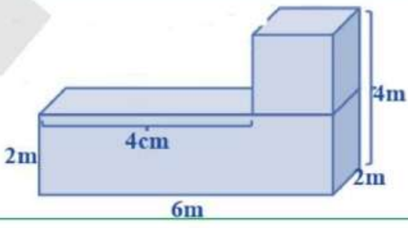


- **If the volume of cuboid = 160 cm³ and the area of base is 20 cm² Find the height of that cuboid**

....

39 **What is the volume of the following composite shape?**

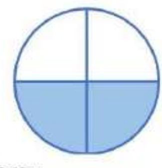
....



40 **The shaded part in each figure represents:**



- **Fraction: ....**
- **Decimal: ....**
- **Angle: .... °**

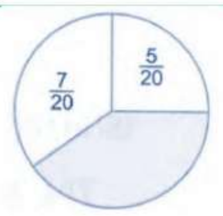


- **Fraction: ....**
- **Decimal: ....**
- **Angle: .... °**



- **Fraction: ....**
- **Decimal: ....**
- **Angle: .... °**

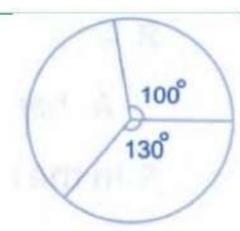
41



- **The missing fraction is ......**

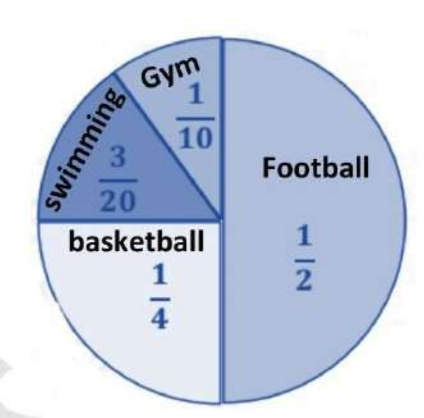


- **The missing decimal is ......**



- **The missing angle is ...... °**

42 The pie chart opposite shows the favorite sport of Grade 5 students.



- What decimal fraction represents the sector of students who prefer football?

  ....

- What fraction represents the sector of students who prefer swimming?

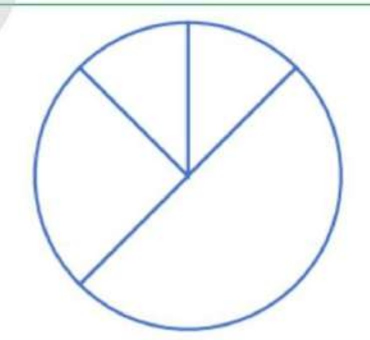
  ....

- what is the measure of the central angle representing the sector of students who prefer basketball?

  ....

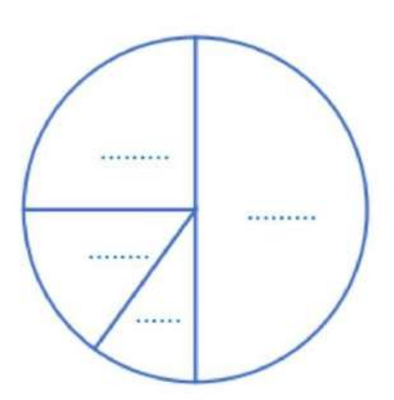
43 Represent the following data by the opposite pie chart:

Rate	Excellent	Good	Pass	Weak
Fraction	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{2}{16}$



44 The following frequency table shows the favorite ice cream flavors for a group of 100 children:

Flavor	Mango	Vanilla	Mastic	Chocolate
Frequency	25	50	15	10



- Represent these data by the opposite pie chart.
- How many children prefer vanilla flavor?

  ....

- What is the fraction (in simplest form) that represents the group of children who prefer vanilla flavor?

  ....

- What is the decimal fraction that represents the group of children who prefer vanilla flavor?

  ....

حمل الآن

مجانا وحصريا

المراجعة رقم (4)

الترم الثانى







Q1: CHOOSE THE CORRECT ANSWER

1. The x-coordinate of the point (5 , 3) is ....

   (a) 5 (b) 8 (c) 3 (d) 2

2. $3\frac{1}{4} + m = 5\frac{1}{2}$, then the value of m = ...

   (a) $1\frac{1}{2}$ (b) $2\frac{1}{2}$ (c) $1\frac{1}{4}$ (d) $2\frac{1}{4}$

3. The y-coordinate of the point (7 , 2) is ....

   (a) 5 (b) 9 (c) 7 (d) 2

4. $1\frac{1}{3}$ year = ... months.

   (a) 16 (b) 15 (c) 18 (d) 14

5. $\frac{5}{7} + k = 1\frac{2}{7}$, then k = ...

   (a) $\frac{3}{7}$ (b) $\frac{4}{7}$ (c) $1\frac{4}{7}$ (d) $\frac{2}{7}$

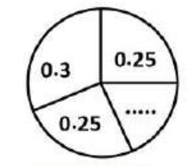
6. $\frac{8}{9} \times \frac{....}{6} = \frac{4}{9}$

   (a) 8 (b) 1 (c) 3 (d) 4

7. $\frac{3}{4} \times .... = \frac{3}{8}$

   (a) $\frac{1}{4}$ (b) $\frac{2}{2}$ (c) $1\frac{1}{2}$ (d) $\frac{1}{2}$

8. The missed part of the opposite pie chart = ...

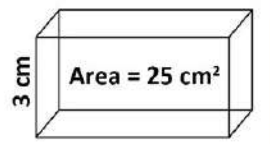


   (a) 0.25 (b) 0.20 (c) 0.30 (d) 0.35

9. $3\frac{3}{4}$ hour = ... minutes.

   (a) 250 (b) 225
   (c) 195 (d) 230





10 The volume of the opposite solid is .... cm^3.

ⓐ 50 ⓑ 75 ⓒ 100 ⓓ 25

11 130 minutes = ... hours.

ⓐ $2\frac{1}{6}$ ⓑ $2\frac{1}{2}$ ⓒ $2\frac{1}{4}$ ⓓ $2\frac{1}{3}$

12 $\frac{2}{5} + \frac{2}{10}$ = ...

ⓐ $\frac{3}{5}$ ⓑ $\frac{7}{10}$ ⓒ $\frac{5}{10}$ ⓓ $\frac{1}{2}$

13 Each face of the cube is in the form of a ....

ⓐ rectangle ⓑ square ⓒ rhombus ⓓ circle

14 $\frac{1}{5}$ + ... = $\frac{1}{2}$

ⓐ $\frac{1}{3}$ ⓑ $\frac{2}{7}$ ⓒ $\frac{3}{10}$ ⓓ $\frac{1}{5}$

15 The point .... lies on the x-axis.

ⓐ (7 , 0) ⓑ (0 , 3) ⓒ (5 , 1) ⓓ (1 , 7)

16 $\frac{1}{2} + \frac{6}{8}$ + 5 = ...

ⓐ $5\frac{7}{8}$ ⓑ $6\frac{1}{8}$ ⓒ $5\frac{1}{4}$ ⓓ $6\frac{1}{4}$

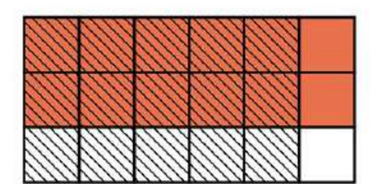
17 If the area of one face of a cube is 16 cm^2. Then the volume equals .... cm^3.

ⓐ 16 ⓑ 4096 ⓒ 64 ⓓ 4

18 Which multiplication statement represent the opposite model?

ⓐ $\frac{6}{5} \times \frac{3}{2}$ ⓑ $\frac{2}{3} \times \frac{5}{6}$

ⓒ $\frac{1}{6} \times \frac{1}{3}$ ⓓ $\frac{2}{3} \times \frac{1}{6}$







19. The horizontal number line in the coordinate plane is called ....

ⓐ origin point ⓑ x-axis ⓒ y-axis ⓓ otherwise

20. The rectangle has .... of parallel sides.

ⓐ 1 pair ⓑ 2 pairs ⓒ 3 pairs ⓓ 4 pairs

21. The smallest like denominator for the fractions $\frac{3}{4}$ and $\frac{2}{3}$ is ....

ⓐ 4 ⓑ 3 ⓒ 12 ⓓ 24

22. $\frac{16}{48} = \frac{....}{3}$

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 4

23. If the point (5 , k) lie on the x-axis, then the value of k = ...

ⓐ 5 ⓑ 3 ⓒ 0 ⓓ 1

24. $3\frac{2}{5} \times \frac{1}{4} = [\,3 \times \frac{1}{4}\,] + [\,....... \times \frac{1}{4}\,]$

ⓐ $\frac{5}{2}$ ⓑ $\frac{17}{5}$ ⓒ $\frac{2}{5}$ ⓓ $\frac{1}{4}$

25. $2\frac{1}{7}$ is equivalent to ....

ⓐ $\frac{14}{7}$ ⓑ $\frac{15}{17}$ ⓒ 15 ⓓ $\frac{15}{7}$

26. A rectangle with four equal sides is a ....

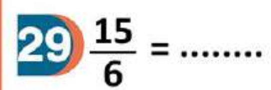
ⓐ square ⓑ rhombus ⓒ trapezium ⓓ parallelogram

27. The order pair that represents the point A is ....

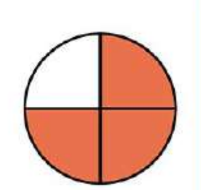
ⓐ (2 , 5) ⓑ (5 , 2)
ⓒ (2 , 7) ⓓ (7 , 2)







28 The circular degree that match the fraction of the circle is shaded = ... °.



ⓐ 270 ⓑ 180 ⓒ 90 ⓓ 300

29 $\frac{15}{6}$ = ...

ⓐ $3\frac{2}{6}$ ⓑ $2\frac{1}{4}$ ⓒ $2\frac{1}{2}$ ⓓ $1\frac{1}{2}$

30 2 hours and a half = ... minutes.

ⓐ 150 ⓑ 140 ⓒ 135 ⓓ 120

31 $\frac{15}{35} \times 7\frac{3}{5} = \frac{15}{35} \times [\, 7 + ...]$

ⓐ $\frac{3}{5}$ ⓑ $\frac{15}{35}$ ⓒ $\frac{35}{15}$ ⓓ $7\frac{3}{5}$

32 $5 - 2\frac{2}{5}$ = ...

ⓐ $2\frac{3}{5}$ ⓑ $3\frac{3}{5}$ ⓒ $2\frac{2}{5}$ ⓓ $3\frac{2}{5}$

33 A cuboid has 2 vertical slices, each slice has 5 cm^3. then its volume = ... cm^3.

ⓐ 7 ⓑ 3 ⓒ 10 ⓓ $\frac{2}{5}$

34 A rhombus with four right angles is a ....

ⓐ square ⓑ rhombus ⓒ trapezium ⓓ parallelogram

35 $\frac{7}{5}$ is called a/an ....

ⓐ proper fraction ⓑ mixed number ⓒ whole number ⓓ improper fraction

36 A .... is a quadrilateral with two pairs of parallel sides, all its angles are right and all its sides are equal in length.

ⓐ square ⓑ trapezium
ⓒ rhombus ⓓ parallelogram





37 Data can be represented by ....

ⓐ line plot ⓑ bar graph ⓒ pie graph ⓓ all of them

38 Which of the following is obtuse angle?

ⓐ 75° ⓑ 90° ⓒ 91° ⓓ 180°

39 Any triangle contains at least .... acute angle(s).

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 0

40 The pentagon has ....side[s].

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 5

41 If $\frac{1}{5} \times k = \frac{1}{20}$, then the value of k = ...

ⓐ 4 ⓑ $\frac{1}{4}$ ⓒ 15 ⓓ $\frac{1}{15}$

42 .... $\div \frac{1}{4} = 16$

ⓐ 8 ⓑ 2 ⓒ 4 ⓓ $\frac{1}{4}$

43 The decimal that represents three-eights of a circle = ...

ⓐ 0.125 ⓑ 0.25 ⓒ 0.75 ⓓ 0.375

44 The mixed numbers $2\frac{2}{6}$ and $3\frac{6}{8}$ by using a like denominator are .... and ....

ⓐ $2\frac{8}{24}, 3\frac{21}{24}$ ⓑ $2\frac{5}{8}, 3\frac{6}{8}$ ⓒ $2\frac{2}{6}, 3\frac{2}{6}$ ⓓ $2\frac{4}{12}, 3\frac{9}{12}$

45 .... $\times \frac{3}{7} = \frac{2}{7}$

ⓐ $\frac{2}{3}$ ⓑ $\frac{3}{2}$

ⓒ $\frac{1}{7}$ ⓓ $\frac{5}{7}$





46 If the volume of a rectangular prism is 60 cm^3, and its base area is 15 cm^2, then its height is .... cm.

(a) 4 (b) 75 (c) 45 (d) 900

47 $\frac{5}{8} \times \frac{4}{15} = \frac{1}{2} \times$ ....

(a) $\frac{1}{15}$ (b) $\frac{2}{3}$ (c) $\frac{2}{10}$ (d) $\frac{1}{3}$

48 1 − .... = $\frac{3}{8}$

(a) $\frac{2}{8}$ (b) $\frac{3}{8}$ (c) $\frac{1}{2}$ (d) $\frac{5}{8}$

49 The square pyramid has .... triangular faces.

(a) 4 (b) 5 (c) 7 (d) 8

50 $7 \div \frac{1}{6} = 7 \times$ ....

(a) 3 (b) 1 (c) 6 (d) $\frac{7}{6}$

51 The number of vertices of a rectangular prism is ....

(a) 6 (b) 8 (c) 12 (d) 5

52 $5 \times \frac{4}{7}$ is equivalent to ....

(a) 20×7 (b) $2 \times \frac{10}{7}$ (c) $3 \times \frac{3}{7}$ (d) $6 \times \frac{3}{7}$

53 A cuboid with dimensions are 3 cm, 5 cm, and 10 cm, Then its volume is .... cm^3.

(a) 50 (b) 15 (c) 150 (d) 30

54 The area of rectangle its dimensions $3\frac{1}{5}$ cm, and $2\frac{1}{2}$ cm is ....

(a) 8 cm (b) 8 cm^2

(c) 8 cm^3 (d) 8 m^2



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55 A cuboid with height is 4 cm. and its volume is 36 cm^3. Then its base area equals .... cm^2

(a) 144 (b) 9 (c) 40 (d) 72

56 A square has .... axes of symmetry.

(a) 0 (b) 1 (c) 2 (d) 4

57 $\frac{6}{7} + \frac{9}{14} = 1 +$ ....

(a) $\frac{21}{14}$ (b) $\frac{9}{7}$ (c) $\frac{1}{2}$ (d) 7

58 Area of rectangle = ...

(a) L × W (b) W × 2 (c) W + L + 2 (d) (W + L) × 2

59 If $4\frac{3}{5} + m = 6\frac{2}{5}$, then the value of m = ...

(a) $1\frac{4}{5}$ (b) $2\frac{1}{5}$ (c) 11 (d) $1\frac{3}{5}$

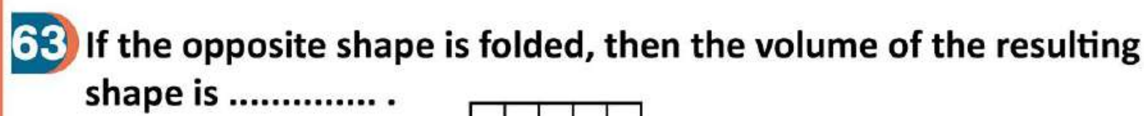
60 A .... is a 3D shape that has two faces, each in the shape of a circle.

(a) cylinder (b) sphere (c) cone (d) circle

61 How many fourth's are there in 8?

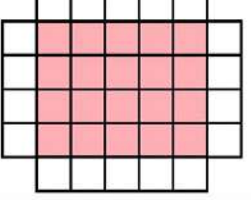
(a) 3 (b) $\frac{1}{3}$ (c) 32 (d) $\frac{1}{2}$

62 The triangle that has a right angle and two acute angles is called a/an .... triangle.



(a) acute (b) right (c) obtuse (d) otherwise

63 If the opposite shape is folded, then the volume of the resulting shape is ....



(a) 20 (b) 40

(c) 38 (d) 28





FINAL REVISION
2025 - SECOND TERM

GRADE 5

Q1: CHOOSE THE CORRECT ANSWER

1 The x-coordinate of the point (5 , 3) is ....

(a) 5 (b) 8 (c) 3 (d) 2

2 $3\frac{1}{4} + m = 5\frac{1}{2}$, then the value of m = ...

(a) $1\frac{1}{2}$ (b) $2\frac{1}{2}$ (c) $1\frac{1}{4}$ (d) $2\frac{1}{4}$

3 The y-coordinate of the point (7 , 2) is ....

(a) 5 (b) 9 (c) 7 (d) 2

4 $1\frac{1}{3}$ year = ... months.

(a) 16 (b) 15 (c) 18 (d) 14

5 $\frac{5}{7} + k = 1\frac{2}{7}$, then k = ...

(a) $\frac{3}{7}$ (b) $\frac{4}{7}$ (c) $1\frac{4}{7}$ (d) $\frac{2}{7}$

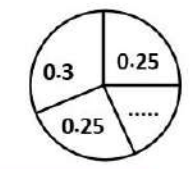
6 $\frac{8}{9} \times \frac{....}{6} = \frac{4}{9}$

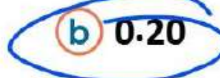
(a) 8 (b) 1  (c) 3 (d) 4

7 $\frac{3}{4} \times .... = \frac{3}{8}$

(a) $\frac{1}{4}$ (b) $\frac{2}{2}$ (c) $1\frac{1}{2}$ (d) $\frac{1}{2}$

8 The missed part of the opposite pie chart = ...



 (a) 0.25  (b) 0.20 (c) 0.30 (d) 0.35

9 $3\frac{3}{4}$ hour = ... minutes.

(a) 250  (b) 225

(c) 195 (d) 230

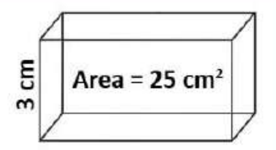


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10 The volume of the opposite solid is .... cm^3.



ⓐ 50 ⓑ 75 ⓒ 100 ⓓ 25

11 130 minutes = ... hours.

ⓐ $2\frac{1}{6}$ ⓑ $2\frac{1}{2}$ ⓒ $2\frac{1}{4}$ ⓓ $2\frac{1}{3}$

12 $\frac{2}{5} + \frac{2}{10}$ = ...

ⓐ $\frac{3}{5}$ ⓑ $\frac{7}{10}$ ⓒ $\frac{5}{10}$ ⓓ $\frac{1}{2}$

13 Each face of the cube is in the form of a ....

ⓐ rectangle ⓑ square ⓒ rhombus ⓓ circle

14 $\frac{1}{5}$ + ... = $\frac{1}{2}$

ⓐ $\frac{1}{3}$ ⓑ $\frac{2}{7}$ ⓒ $\frac{3}{10}$ ⓓ $\frac{1}{5}$

15 The point .... lies on the x-axis.

ⓐ (7 , 0) ⓑ (0 , 3) ⓒ (5 , 1) ⓓ (1 , 7)

16 $\frac{1}{2} + \frac{6}{8} + 5$ = ...

ⓐ $5\frac{7}{8}$ ⓑ $6\frac{1}{8}$ ⓒ $5\frac{1}{4}$ ⓓ $6\frac{1}{4}$

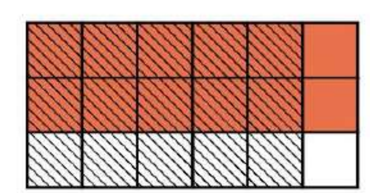
17 If the area of one face of a cube is 16 cm^2. Then the volume equals .... cm^3.

ⓐ 16 ⓑ 4096 ⓒ 64 ⓓ 4

18 Which multiplication statement represent the opposite model?

ⓐ $\frac{6}{5} \times \frac{3}{2}$ ⓑ $\frac{2}{3} \times \frac{5}{6}$

ⓒ $\frac{1}{6} \times \frac{1}{3}$ ⓓ $\frac{2}{3} \times \frac{1}{6}$





19) The horizontal number line in the coordinate plane is called ....

a) origin point b) x-axis c) y-axis d) otherwise

20) The rectangle has .... of parallel sides.

a) 1 pair b) 2 pairs c) 3 pairs d) 4 pairs

21) The smallest like denominator for the fractions $\frac{3}{4}$ and $\frac{2}{3}$ is ....

a) 4 b) 3 c) 12 d) 24

22) $\frac{16}{48} = \frac{....}{3}$

a) 1 b) 2 c) 3 d) 4

23) If the point (5 , k) lie on the x-axis, then the value of k = ...

a) 5 b) 3 c) 0 d) 1

24) $3\frac{2}{5} \times \frac{1}{4} = [\,3 \times \frac{1}{4}\,] + [\,....... \times \frac{1}{4}\,]$

a) $\frac{5}{2}$ b) $\frac{17}{5}$ c) $\frac{2}{5}$ d) $\frac{1}{4}$

25) $2\frac{1}{7}$ is equivalent to ....

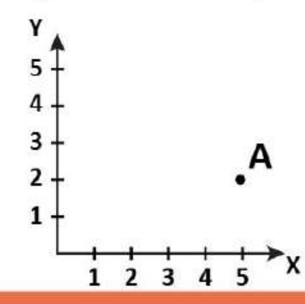
a) $\frac{14}{7}$ b) $\frac{15}{17}$ c) 15 d) $\frac{15}{7}$

26) A rectangle with four equal sides is a ....

a) square b) rhombus c) trapezium d) parallelogram

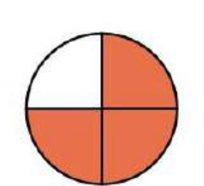
27) The order pair that represents the point A is ....

a) (2 , 5) b) (5 , 2)
c) (2 , 7) d) (7 , 2)



FOLLOW US





28 The circular degree that match the fraction of the circle is shaded = ... °.

a) 270 b) 180 c) 90 d) 300

29 $\frac{15}{6}$ = ...

a) $3\frac{2}{6}$ b) $2\frac{1}{4}$ c) $2\frac{1}{2}$ d) $1\frac{1}{2}$

30 2 hours and a half = ... minutes.

a) 150 b) 140 c) 135 d) 120

31 $\frac{15}{35} \times 7\frac{3}{5} = \frac{15}{35} \times [\,7 + ...]$

a) $\frac{3}{5}$ b) $\frac{15}{35}$ c) $\frac{35}{15}$ d) $7\frac{3}{5}$

32 $5 - 2\frac{2}{5}$ = ...

a) $2\frac{3}{5}$ b) $3\frac{3}{5}$ c) $2\frac{2}{5}$ d) $3\frac{2}{5}$

33 A cuboid has 2 vertical slices, each slice has 5 cm^3. then its volume = ... cm^3.

a) 7 b) 3 c) 10 d) $\frac{2}{5}$

34 A rhombus with four right angles is a ....

a) square b) rhombus c) trapezium d) parallelogram

35 $\frac{7}{5}$ is called a/an ....

a) proper fraction b) mixed number c) whole number d) improper fraction

36 A .... is a quadrilateral with two pairs of parallel sides, all its angles are right and all its sides are equal in length.

a) square b) trapezium
c) rhombus d) parallelogram



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37 Data can be represented by ....

ⓐ line plot ⓑ bar graph ⓒ pie graph ⓓ all of them

38 Which of the following is obtuse angle?

ⓐ 75° ⓑ 90° ⓒ 91° ⓓ 180°

39 Any triangle contains at least .... acute angle(s).

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 0

40 The pentagon has ....side[s].

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 5

41 If $\frac{1}{5} \times k = \frac{1}{20}$, then the value of k = ...

ⓐ 4 ⓑ $\frac{1}{4}$ ⓒ 15 ⓓ $\frac{1}{15}$

42 .... $\div \frac{1}{4} = 16$

ⓐ 8 ⓑ 2 ⓒ 4 ⓓ $\frac{1}{4}$

43 The decimal that represents three-eights of a circle = ...

ⓐ 0.125 ⓑ 0.25 ⓒ 0.75 ⓓ 0.375

44 The mixed numbers $2\frac{2}{6}$ and $3\frac{6}{8}$ by using a like denominator are .... and ....

ⓐ $2\frac{8}{24}, 3\frac{21}{24}$ ⓑ $2\frac{5}{8}, 3\frac{6}{8}$ ⓒ $2\frac{2}{6}, 3\frac{2}{6}$ ⓓ $2\frac{4}{12}, 3\frac{9}{12}$

45 .... $\times \frac{3}{7} = \frac{2}{7}$

ⓐ $\frac{2}{3}$ ⓑ $\frac{3}{2}$

ⓒ $\frac{1}{7}$ ⓓ $\frac{5}{7}$





46. If the volume of a rectangular prism is 60 cm^3, and its base area is 15 cm^2, then its height is .... cm.

(a) 4 (b) 75 (c) 45 (d) 900

47. $\frac{5}{8} \times \frac{4}{15} = \frac{1}{2} \times$ ....

(a) $\frac{1}{15}$ (b) $\frac{2}{3}$ (c) $\frac{2}{10}$ (d) $\frac{1}{3}$

48. 1 – .... = $\frac{3}{8}$

(a) $\frac{2}{8}$ (b) $\frac{3}{8}$ (c) $\frac{1}{2}$ (d) $\frac{5}{8}$

49. The square pyramid has .... triangular faces.

(a) 4 (b) 5 (c) 7 (d) 8

50. $7 \div \frac{1}{6} = 7 \times$ ....

(a) 3 (b) 1 (c) 6 (d) $\frac{7}{6}$

51. The number of vertices of a rectangular prism is ....

(a) 6 (b) 8 (c) 12 (d) 5

52. $5 \times \frac{4}{7}$ is equivalent to ....

(a) 20×7 (b) $2 \times \frac{10}{7}$ (c) $3 \times \frac{3}{7}$ (d) $6 \times \frac{3}{7}$

53. A cuboid with dimensions are 3 cm, 5 cm, and 10 cm, Then its volume is .... cm^3.

(a) 50 (b) 15 (c) 150 (d) 30

54. The area of rectangle its dimensions $3\frac{1}{5}$ cm, and $2\frac{1}{2}$ cm is ....

(a) 8 cm (b) 8 cm^2
(c) 8 cm^3 (d) 8 m^2



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55 A cuboid with height is 4 cm. and its volume is 36 cm³.
Then its base area equals .... cm²

ⓐ 144 ⓑ 9 ⓒ 40 ⓓ 72

56 A square has .... axes of symmetry.

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 4

57 $\frac{6}{7} + \frac{9}{14} = 1 + ...$

ⓐ $\frac{21}{14}$ ⓑ $\frac{9}{7}$ ⓒ $\frac{1}{2}$ ⓓ 7

58 Area of rectangle = ...

ⓐ L × W ⓑ W × 2 ⓒ W + L + 2 ⓓ (W + L) × 2

59 If $4\frac{3}{5} + m = 6\frac{2}{5}$, then the value of m = ...

ⓐ $1\frac{4}{5}$ ⓑ $2\frac{1}{5}$ ⓒ 11 ⓓ $1\frac{3}{5}$

60 A .... is a 3D shape that has two faces, each in the shape of a circle.

ⓐ cylinder ⓑ sphere ⓒ cone ⓓ circle

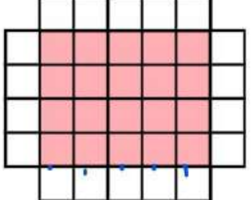
61 How many fourth's are there in 8?

ⓐ 3 ⓑ $\frac{1}{3}$ ⓒ 32 ⓓ $\frac{1}{2}$

62 The triangle that has a right angle and two acute angles is called a/an .... triangle.

ⓐ acute ⓑ right ⓒ obtuse ⓓ otherwise

63 If the opposite shape is folded, then the volume of the resulting shape is ....



ⓐ 20 ⓑ 40
ⓒ 38 ⓓ 28



مجانا وحصريا

حمل الآن

المراجعة رقم (5)

الترم الثانى





Choose the correct answer:

1 The smallest like denominator of $\frac{5}{6}$ and $\frac{1}{3}$ is ______

A. 18 B. 6 C. 3 D. 2

2 The simplest form of $\frac{6}{12}$ is ______

A. $\frac{1}{2}$ B. $\frac{2}{3}$ C. $\frac{5}{6}$ D. $\frac{12}{6}$

3 $\frac{2}{6} \times 3 =$ ______

A. $\frac{5}{6}$ B. 1 C. 36 D. $\frac{12}{3}$

4 It is impossible to draw a triangle with two ______ angles.

A. acute B. right C. obtuse D. both b and c

5 $\frac{1}{3} \div 4 =$ ______

A. 12 B. $\frac{4}{3}$ C. $\frac{3}{4}$ D. $\frac{1}{12}$

6 $2\frac{1}{4} \times 4 =$ ______

A. $8\frac{1}{4}$ B. 9 C. $9\frac{1}{2}$ D. 10

7 The triangle whose side lengths are ______ is an isosceles triangle.

A. 4 , 5 , 3 cm B. 4 , 4 , 5 cm C. 3 , 5 , 6 cm D. 2 , 3 , 4 cm

8 $\frac{2}{15} \times \frac{5}{6} =$ ______

A. $\frac{1}{3}$ B. $\frac{1}{6}$ C. $\frac{1}{8}$ D. $\frac{1}{9}$

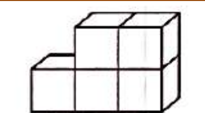
9 The triangle whose side lengths are 5 cm , 4 cm and 5 cm is ______ triangle.

A. an equilateral B. an isosceles C. a scalene D. a right

10 The same denominator of $\frac{1}{6}$ and $\frac{1}{8}$ is ______

A. 30 B. 14 C. 16 D. 24

11 The volume of the opposite figure = ______ cubic units.



A. 4 B. 5 C. 7 D. 6

12 The cube has ______ faces.

A. 6 B. 4 C. 8 D. 12

13 $5 \times \frac{3}{7}$ ______ $4 \times \frac{3}{7}$

A. > **B.** < **C.** = **D.** otherwise

14 The circular degree that match the fraction of the circle is shaded = ______

A. 60° **B.** 90° **C.** 120° **D.** 180°

15 $\frac{1}{3} \times 6 =$ ______

A. 2 **B.** $\frac{1}{2}$ **C.** 6 **D.** $\frac{1}{3}$

16 The origin point is ______

A. (1 , 0) **B.** (0 , 1) **C.** (0 , 0) **D.** (1 , 1)

17 Any triangle has at least ______ acute angle[s].

A. 1 **B.** 2 **C.** 3 **D.** 4

18 Area of rectangle = ______

A. L + W **B.** L × W **C.** L ÷ W **D.** (L + W) × 2

19 In the right-angled triangle , there are ______ right angle[s].

A. 1 **B.** 2 **C.** 3 **D.** 4

20 The area of a rectangle its length 4 cm and width 3 cm is ______ $cm.^2$

A. 3 **B.** 4 **C.** 12 **D.** 7

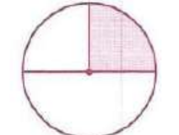
21 If $3\frac{1}{5} + b = 5\frac{1}{5}$, then b = ______

A. 2 **B.** 5 **C.** 3 **D.** 1

22 The type of triangle which the measure of its angles are 50° , 60° , 70° is ______ triangle.

A. acute. **B.** right **C.** obtuse **D.** isosceles

23 The opposite figure represents 40 persons participate in a survey , then the number of persons of who represents shaded part is ______ persons.



A. 40 **B.** 30 **C.** 20 **D.** 10



24 $3 \div \frac{1}{2}$ ______ 6

A. > **B.** < **C.** ≤ **D.** =



25 A cuboid has 4 horizontal layers and 5 cube units in each layer, then its volume = ______ cube units.

A. 9 B. $\frac{5}{4}$ C. $\frac{4}{5}$ D. 20

26 In the opposite figure :

The volume of cuboid is 24 cm^2, then the missing dimension is ______ cm.

4 cm, 3 cm, ?

A. 2 B. 6 C. 8 D. 12

27 $\frac{1}{3} = \frac{__}{9}$

A. 3 B. 1 C. 27 D. 7

28 $2\frac{1}{3} \times 5 = (2 \times 5) + (____ \times 5)$

A. 2 B. $\frac{1}{3}$ C. 10 D. 15

29 $\frac{3}{7} + \frac{4}{7} =$ ______

A. 1 B. 4 C. 3 D. 7

30 The volume of cube with side length 3 cm is ______ cm^3

A. 3 B. 9 C. 27 D. 30

31 The origin point on the coordinate plane is ______

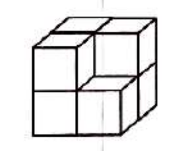
A. 0 B. (0 , 0) C. (4 , 0) D. (1 , 3)

32 The triangle whose side lengths are 5 cm , 3 cm , 5 cm is called ______ triangle.

A. isosceles B. equilateral C. scalene D. otherwise



33 The volume of the opposite figure = ______



A. 3 B. 4

C. 7 D. 8

34 The triangle of side lengths 7 cm. , 3 cm. , 7 cm. is called ______ triangle.

A. an isosceles B. an equilateral C. a scalene D. otherwise

35 $5\frac{1}{3} + 2\frac{2}{3} =$ ______

A. $8\frac{1}{3}$ B. $3\frac{1}{3}$ C. $7\frac{1}{3}$ D. 8

36 $\frac{2}{5} \times$ ______ $= 1$

A. 2 B. 5 C. $\frac{2}{5}$ D. $\frac{5}{2}$

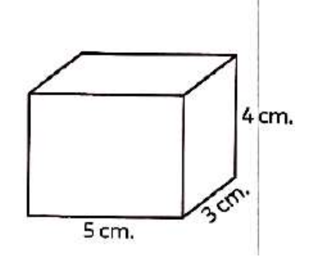
37 The volume of the opposite figure = ______ cm^3

A. 60

B. 20

C. 15

D. 12



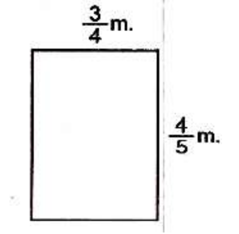
38 A quadrilateral which has four right angles is called ______

A. parallelogram. B. rhombus. C. rectangle. D. trapezium.

39 The area of the opposite rectangle = ______ m^2

A. $\frac{7}{9}$ B. $\frac{1}{2}$

C. $\frac{3}{4}$ D. $\frac{3}{5}$

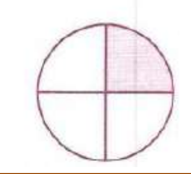


40 $\frac{7}{4} \times \frac{4}{7}$ ______ $\frac{7}{4}$

A. > B. = C. < D. otherwise.

41 The circular degree that match the fraction of the sector that is shaded = ______ °

A. 60 B. 90 C. 120 D. 180

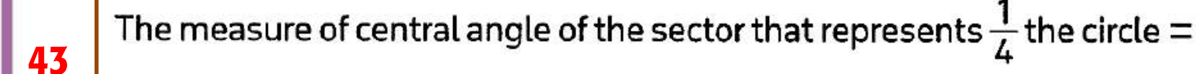


42 The opposite triangle is ______ angled triangle.

A. an acute B. an obtuse

C. a right D. an equilateral

43 The measure of central angle of the sector that represents $\frac{1}{4}$ the circle = ______ °



A. 45 B. 60 C. 90 D. 25

44 The ______ has one vertex.

A. cube B. cylinder C. cone D. sphere

45 The solid which has no edges , no faces , no vertices is called ______

A. cube B. sphere C. cone D. cuboid

46 The point (0 , 3) lies on ________

A. x-axis. B. y-axis. C. origin point. D. otherwise.

47 $3 \times \frac{2}{5} =$ ________

A. $\frac{3}{5}$ B. $\frac{2}{15}$ C. 1 D. $1\frac{1}{5}$

48 The simplest form of $5\frac{12}{24}$ is ....

a $4\frac{1}{2}$ b $5\frac{1}{2}$ c $5\frac{1}{4}$ d $5\frac{3}{4}$

49 $\frac{2}{3}$ of 9 kg = ... kg

a 3 b 6 c 9 d 12

50 $3\frac{1}{4} + 2\frac{1}{2}$ = ... (in the simplest form)

a $5\frac{1}{4}$ b 5 c $5\frac{3}{4}$ d $5\frac{1}{2}$

51 $5 \times \frac{1}{2}$ = ...

a $2\frac{1}{2}$ b $5\frac{1}{2}$ c $3\frac{1}{2}$ d $1\frac{1}{2}$

52 When estimating $\frac{9}{10} + \frac{7}{9}$ as 2, then it is ....

a actual result b underestimate c overestimate d otherwise

53 $\frac{3}{4} + \frac{1}{3}$ = ... (in the simplest form)

a $\frac{1}{12}$ b $\frac{4}{12}$ c $1\frac{1}{12}$ d $\frac{4}{7}$

54 $\frac{3}{10} - \frac{1}{5}$ = ... (in the simplest form)

a $\frac{2}{5}$ b $\frac{2}{10}$ c $\frac{1}{5}$ d $\frac{1}{10}$

55 If $\frac{30}{45} = \frac{6}{x}$, then x = ...

a 5 b 6 c 7 d 9

56 $8\frac{1}{2}-2\frac{3}{7}$ = ... (in the simplest form)

ⓐ $6\frac{1}{14}$ ⓑ $5\frac{1}{14}$ ⓒ $6\frac{2}{14}$ ⓓ 7

57 $4\frac{1}{2}$ years = 4 years and .... months

ⓐ 5 ⓑ 6 ⓒ 7 ⓓ 8

58 $3\frac{2}{7}$ can be regrouped as ....

ⓐ $2\frac{9}{7}$ ⓑ $2\frac{7}{9}$ ⓒ $9\frac{7}{2}$ ⓓ $7\frac{9}{2}$

59 $2\frac{1}{4}$ = ...

ⓐ $2\frac{4}{8}$ ⓑ $2\frac{2}{8}$ ⓒ $1\frac{1}{2}$ ⓓ $1\frac{2}{8}$

60 The cubic centimeter is a unit for measuring ....

ⓐ the length ⓑ the perimeter ⓒ the area ⓓ the volume

61 $\frac{1}{5}\div 4$ = ...

ⓐ $\frac{1}{20}$ ⓑ $\frac{4}{5}$ ⓒ $\frac{5}{4}$ ⓓ 20

62 $\frac{1}{5}+\frac{2}{5}+\frac{4}{5}+\frac{3}{5}$ = ...

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 4

63 The smallest common denominator of $1\frac{2}{3}$ and $3\frac{3}{4}$ is ....

ⓐ 6 ⓑ 8 ⓒ 9 ⓓ 12

64 If $1\frac{3}{8}+b=7$, then b = ...

ⓐ $5\frac{5}{8}$ ⓑ $3\frac{5}{8}$ ⓒ $4\frac{5}{8}$ ⓓ $5\frac{4}{8}$

65 $\frac{1}{3}\div$ .... $=\frac{1}{9}$

ⓐ 3 ⓑ 27 ⓒ $\frac{1}{9}$ ⓓ $\frac{1}{3}$



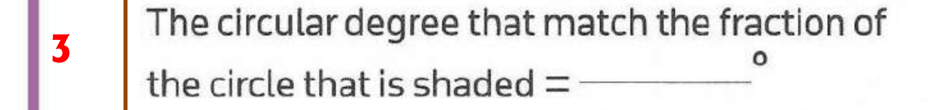
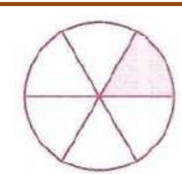
66 $\frac{1}{3} \times 3 =$ ....

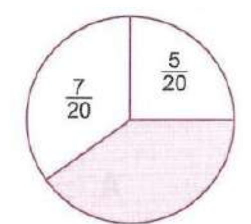
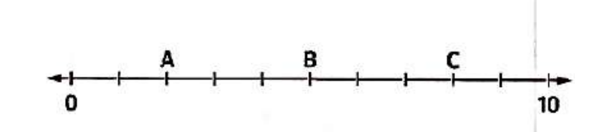
ⓐ 3　ⓑ 1　ⓒ 9　ⓓ $\frac{1}{9}$

67 There are .... fifths in 2.

ⓐ 7　ⓑ 10　ⓒ 5　ⓓ 2

Complete:

1	The number of edges in a cube is ________
2	If $1\frac{3}{11} + Y = 4\frac{6}{11}$, then Y = ________
3	 The circular degree that match the fraction of the circle that is shaded = ________ ° 
4	In the ordered pair (5 , 7) , the x-coordinate is ________
5	The y-coordinate of the point (1 , 4) is ________
6	The distance between K and E = ________ units. (number line: E, T, K, P; 0, 1, $2\frac{1}{2}$, $3\frac{1}{2}$, $4\frac{1}{2}$)
7	The volume of cuboid with dimensions 7 cm , 2 cm , 5 cm = ________ cm^3
8	The volume of the rectangular prism = ________ × ________ × ________
9	The L.C.M of the denominators of $\frac{1}{3}$ and $\frac{1}{7}$ is ________
10	In Δ ABC , AB = 5 cm , BC = 7 cm and AC = 3 cm , then the triangle is ________
11	2 hours = ________ minutes.
12	The measure of whole circle = ________ °
13	The volume of cuboid 100 cm^3 , its width 5 cm , its height 2 cm , then its length = ________ cm.
14	$\frac{1}{3}$ of 3 = ________
15	The product of $\frac{4}{5}$ and $\frac{3}{3}$ is ________

16	The point (0 , 3) lies on ________ axis
17	The point (3 , 0) lies on ________ -axis
18	In the opposite figure : The fraction of the shaded pie chart = ________ 
19	$\frac{1}{4} \times$ ________ $= 1$
20	$\frac{4}{5} \times \frac{1}{3} =$ ________
21	$8 \div \frac{1}{3} =$ ________
22	If $4\frac{7}{9} + n = 5$, then $n =$ ________
23	The area of square with side length 9 cm. = ________ cm^2
24	$3\frac{1}{2} + 2\frac{1}{2} =$ ________
25	$\frac{1}{4} \times$ ________ $= 2$
26	$3 \div$ ________ $= 6$
27	The triangle with equal sides is called ________ triangle.
28	The angle of measure less than 90° is called ________ angle.
29	**Use the number line to answer the questions :** a. What is the value of B ? b. How far is point C from point A ? 
30	If $x + 2\frac{1}{7} = 6\frac{4}{7}$, then $x =$ ________

31 The following table shows the fraction of chicken production for three farms during October:

The farm	First	Second	Third	Total
The Fraction	$\frac{1}{4}$	$\frac{1}{2}$	?	1

The fraction that represents the third farm = ...

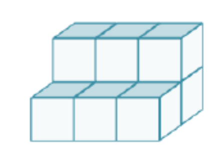
32 The estimation of $\frac{4}{5}+\frac{3}{7}$ using the benchmark fractions is ....

33 The estimation of $3\frac{3}{4}-1\frac{1}{12}$ is ....

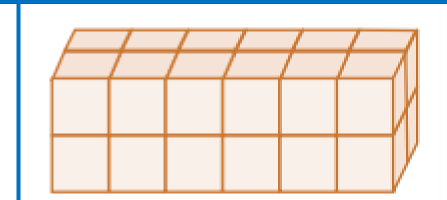
34 $4\frac{1}{4}+\frac{5}{8}$ = ... (in the simplest form)

35 $9 \div 2$ = ... (as a mixed number)

36 The volume of the opposite figure = ... cubes



37 The volume of the opposite figure = ... cubes



38 The measure of central angle that represent $\frac{1}{4}$ of a pie chart = ...°.

39 $7-\frac{4}{5}$ = ...

40 $9 \div \frac{1}{2}$ = ...

41 $3\frac{1}{2}\times\frac{1}{4}$ = ...



Essay Problems:

1

In the opposite coordinate :

A. Graph the figure ABCD where

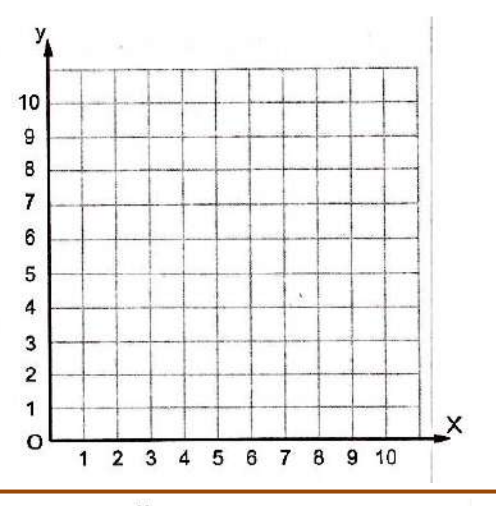
A (2 , 8)

, B (2 , 4)

, C (6 , 4)

, D (6 , 8)

B. Connect the points in order. What is the name of the polygon ?

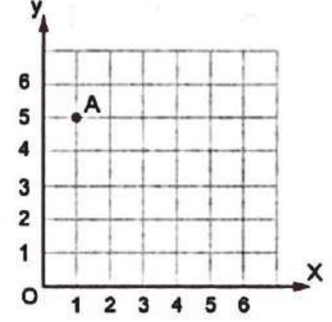


2

On the coordinate plane :

A. The coordinate of point A (________ , ________)

B. Plot the point B (5 , 2)



3

If $3\frac{1}{2} + b = 7$, then b = ________

4

$2\frac{1}{2} - 1\frac{1}{4} =$ ________

5

Ahmed's herb garden is 5 units long by $\frac{2}{15}$ unit wide.

What is the area of Ahmed's herb garden.

6

Amal studies Math for $3\frac{1}{2}$ hours , and English for 20 minutes.

How many hours did Amal study ?

7 Ali studied Arabic $3\frac{1}{2}$ hours and Science for $2\frac{1}{2}$ hours. How many hours did Ali study in all ?

---

8 Yasser has 30 feddans of agriculture land , he planting $\frac{5}{6}$ of the land. What is the number of feddans planting ?

---

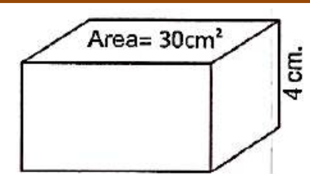
9 A swimming pool the length of its base is 50 meters , the width is 20 meters and the height is 3 meters. Find the volume of the swimming pool.

---

10 $3\frac{1}{2} \times \frac{5}{7} =$ ______ by any way (with steps)

---

11 Find the volume of the opposite cuboid ?



---

12 There are 5 kilograms of flour. A worker divides the flour into packages of $\frac{1}{4}$ kg. How many packages will be made ?

---

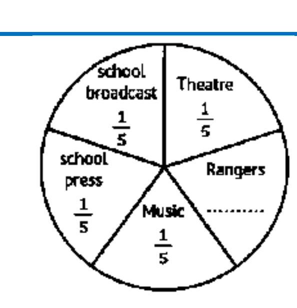
13 **Find the result in the simplest form:**

(1) $\frac{3}{5} + \frac{1}{3} =$ ....

(2) $2 - \frac{7}{9} - \frac{1}{6} =$ ....

14 **The opposite figure shows the favorite hobbies for the pupils of one of the classes in the fifth primary, study the figure well, then answer:**

What is the fraction of the rangers with respect to all hobbies?



15 The volume of the opposite prism = ... cm^3.

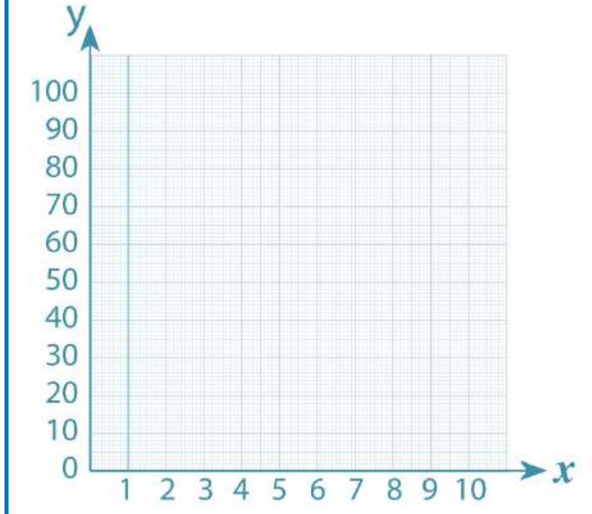


16 Find the area of the opposite figure:
The area = ...

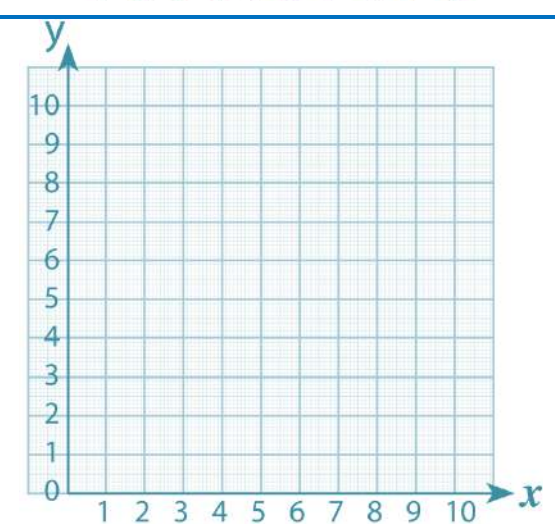
$\frac{1}{4}$ km
$\frac{2}{11}$ km

17 Ola selling bags of cookies. She earns L.E. 5 for each bag. Complete the table, then graph the points in the opposite coordinate plane.

Bags	Earned money
2	
4	
7	
8	
10	



18 Plot the points:
A(3,2), B(3,5), C(6,5) and D(6,2).
Connect the points in order.
What is the name of the polygon ABCD?







كيفية طباعة صفحات معينة من ملف معين

مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9



خطوة 1

خطوة 2
اختيار اسم الطابعة بتاعتك

خطوة 3
كتابة الصفحات المراد طباعتها
نكتب رقم 4 ثم نكتب الشرطة دي - ثم نكتب 9

خطوة 4
اختيار نوع الورق

خطوة 5
اختيار A4

خطوة 6